

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<shttp://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

[Skip to Main Content](#)



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



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

Patent Search

Invention Title	A METHOD FOR DETECTING CANCEROUS CELLS IN ASYMPTOMATIC PATIENTS USING MONOCLONAL ANTIBODY DRUGS		
Publication Number	52/2022		
Publication Date	30/12/2022		
Publication Type	INA		
Application Number	202231074077		
Application Filing Date	20/12/2022		
Priority Number			
Priority Country			
Priority Date			
Field Of Invention	CHEMICAL		
Classification (IPC)	A61P0035000000, G01N0033574000, A61P0035020000, A61K0047680000, A61K0038000000		
Inventor			
Name	Address	Country	Nationality
Dr.Ashish Kumar Sarangi	Assistant Professor, Department of Chemistry, School of Applied Science, Centurion University of Technology and Management, Balangir, Odisha, India. Pin Code:767001	India	India
Dr.Amarendranath Choudhury	Assistant Professor, Department of Zoology, Patharkandi College, Patharkandi, Karimganj District, Assam, India. Pin Code:788724	India	India
Mr.Dhilleshwara Rao Vana	Alumnus, Bharathidasan University, Tamil Nadu, India. Pin Code:620024	India	India
Dr.Rudra Narayan Sahoo	Assistant Professor, School of Pharmacy and Life Sciences, Centurion University of Technology and Management, Bhubaneswar, Odisha, India. Pin Code:752050	India	India
Mr.Wishard la Vincent Barreto	Assistant Professor, School of Forensic Science, Centurion University of Technology and Management, Bhubaneswar, Odisha, India. Pin Code:752050	India	India
Dr.Kumar Pratyush	Assistant Professor, Department of Pharmaceutical Chemistry, Shri Vile Parle Kelavani Mandal's Institute of Pharmacy, Dhule, Maharashtra. Pin Code: 424001	India	India
Dr.Sushma Jaiswal	Assistant Professor, Department of Computer Science & Information Technology (CSIT), Guru Ghasidas Vishwavidyalaya (A Central University), Koni, Bilaspur, Chhattisgarh, India. Pin Code: 495009	India	India
Mrs.Madhu Chhanda Mishra	Associate Professor, Sri Jayadev College of Pharmaceutical Sciences, Naharkanta, Bhubaneswar, Odisha, India. Pin Code:751012	India	India
Mr.Tarun Jaiswal	Research Scholar, Department of Computer Application, National Institute of Technology (NITRR), Raipur, Chhattisgarh, India. Pin Code:492010	India	India
Dr.Kapil Paiwal	Professor, Department of Oral & Maxillofacial Pathology, Daswani Dental College & Research Center, IPB-19, RIICO Institutional Area Rd., Ranpur, Kota, Rajasthan, India. Pin Code:324005	India	India
Applicant			

Name	Address	Country	Nationality
Dr.Ashish Kumar Sarangi	Assistant Professor, Department of Chemistry, School of Applied Science, Centurion University of Technology and Management, Balangir, Odisha, India. Pin Code:767001	India	India
Dr.Amarendranath Choudhury	Assistant Professor, Department of Zoology, Patharkandi College, Patharkandi, Karimganj District, Assam, India. Pin Code:788724	India	India
Mr.Dhilleshwara Rao Vana	Alumnus, Bharathidasan University, Tamil Nadu, India. Pin Code:620024	India	India
Dr.Rudra Narayan Sahoo	Assistant Professor, School of Pharmacy and Life Sciences, Centurion University of Technology and Management, Bhubaneswar, Odisha, India. Pin Code:752050	India	India
Mr.Wishard la Vincent Barreto	Assistant Professor, School of Forensic Science, Centurion University of Technology and Management, Bhubaneswar, Odisha, India. Pin Code:752050	India	India
Dr.Kumar Pratyush	Assistant Professor, Department of Pharmaceutical Chemistry, Shri Vile Parle Kelavani Mandal's Institute of Pharmacy, Dhule, Maharashtra. Pin Code: 424001	India	India
Dr.Sushma Jaiswal	Assistant Professor, Department of Computer Science & Information Technology (CSIT), Guru Ghasidas Vishwavidyalaya (A Central University), Koni, Bilaspur, Chhattisgarh, India. Pin Code: 495009	India	India
Mrs.Madhu Chhanda Mishra	Associate Professor, Sri Jayadev College of Pharmaceutical Sciences, Naharkanta, Bhubaneswar, Odisha, India. Pin Code:751012	India	India
Mr.Tarun Jaiswal	Research Scholar, Department of Computer Application, National Institute of Technology (NITRR), Raipur, Chhattisgarh, India. Pin Code:492010	India	India
Dr.Kapil Paiwal	Professor, Department of Oral & Maxillofacial Pathology, Daswani Dental College & Research Center, IPB-19, RIICO Institutional Area Rd., Ranpur, Kota, Rajasthan, India. Pin Code:324005	India	India

Abstract:

The present invention discloses a method of detecting cancerous cells in asymptomatic patients using monoclonal antibody drugs. A procedure for determining a subject's biological sample, levels, and classifying the sample into one of three groups, with the first group consisting of no abnormal elevation, the second group consisting of abnormal elevation of the level but no abnormal elevation of the level of dm2, and the third group consisting of abnormal elevation of the level but no abnormal elevation of the level of dm2, is a procedure. The monoclonal antibody-based cancer therapy has emerged as one of the most effective therapeutic approaches for both hematologic and solid tumors. A number of groundbreaking clinical trials that paved the path for new generation antibodies and subsequent clinical success are produced as a result of the early merging of serological approaches for cancer cell surface antigen discovery with hybridoma technology. Accompanied Drawings [FIG. 1 & 2]

Complete Specification

Description:[001] The present disclosure relates, in general, to diagnosing cancer, and more particularly, to a method of detecting cancerous cells in asymptomatic patients using monoclonal antibody drugs.

Background of the invention

[002] More and more, it is understood that proto-oncogene mutations in somatic cells play a key role in the development of human malignancies. These mutations can result in the formation of oncogenes. Point mutations are frequently the mutations that turn proto-oncogenes into oncogenes. Understanding how oncogenes and the results of their expression function to change normal cells into cancer cells requires a great deal of learning.

[003] Oncogenes are typically thought to behave in a dominating manner. This is usually understood to suggest that when a proto-oncogene transforms into an oncogene, a new function, such as promoting transformation, is acquired.

[004] A distinct kind of cancer-related mutation takes place when a tumor suppressor gene is changed in a way that renders the gene's offspring ineffective for suppressing tumor growth. The retinoblastoma susceptibility gene is an illustration of a tumor suppressor gene.

[005] Although technically speaking, tumor suppressor gene products do not contribute to the development of tumors, tumor suppressor genes are sometimes referred to be recessive oncogenes. The absence of a tumor suppressor gene when both alleles are altered leads to an increase in carcinogenesis, which is why the phenotype is recessive. A gene product with characteristics of both a recessive and a dominant oncogene.

[006] Furthermore, the association between overexpression and malignancies was established prior to the development of the present invention. The relationship between

[View Application Status](#)



राष्ट्रीय मतदाता सेवा पोर्टल
NATIONAL VOTERS' SERVICES PORTAL

Terms & conditions (<http://ipindia.gov.in/terms-conditions.htm>) Privacy Policy (<http://ipindia.gov.in/privacy-policy.htm>) Copyright (<http://ipindia.gov.in/copyright.htm>)

Hyperlinking Policy (<http://ipindia.gov.in/hyperlinking-policy.htm>) Accessibility (<http://ipindia.gov.in/accessibility.htm>) Archive (<http://ipindia.gov.in/archive.htm>)

Contact Us (<http://ipindia.gov.in/contact-us.htm>) Help (<http://ipindia.gov.in/help.htm>)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019



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

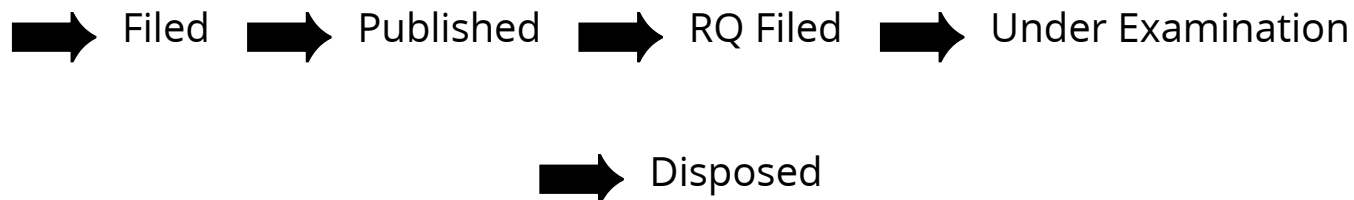
APPLICATION NUMBER	202231074077
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	20/12/2022
APPLICANT NAME	1 . Dr.Ashish Kumar Sarangi 2 . Dr.Amarendranath Choudhury 3 . Mr.Dhilleshwara Rao Vana 4 . Dr.Rudra Narayan Sahoo 5 . Mr.Wishard la Vincent Barreto 6 . Dr.Kumar Pratyush 7 . Dr.Sushma Jaiswal 8 . Mrs.Madhu Chhanda Mishra 9 . Mr.Tarun Jaiswal 10 . Dr.Kapil Paiwal
TITLE OF INVENTION	A METHOD FOR DETECTING CANCEROUS CELLS IN ASYMPTOTIC PATIENTS USING MONOCLONAL ANTIBODY DRUGS
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	tumula.githam@gmail.com
ADDITIONAL-EMAIL (As Per Record)	tumula.githam@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	30/12/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination

[View Documents](#)



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

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<shhttp://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

[Skip to Main Content](#)



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



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

Patent Search

Invention Title	Financial planning & management for salaried employee in an organisation along with strategies for tax savings for the benefits of both employee and employer in private sector
Publication Number	48/2022
Publication Date	02/12/2022
Publication Type	INA
Application Number	202241068394
Application Filing Date	28/11/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	COMPUTER SCIENCE
Classification (IPC)	G06Q0040000000, G06Q0040060000, G06Q0040020000, G06Q0040080000, G06Q0010060000

Inventor

Name	Address	Country	Nationality
Dr. M. MUTHUMEENAKSHI	ASSOCIATE PROFESSOR Department of COMMERCE VELLORE INSTITUTE OF TECHNOLOGY : VELLORE - 632014	India	India
Y. Mamatha	Assistant professor Department of MBA PVKK Institute of Technology Anantapur-515001	India	India
Dr Archana Borde	Sector.no.24,Plot.no.116, P.C.N.T.D,Nigdi Pune 411044 Maharashtra	India	India
Dr. Saykar Satish Govind	Matoshri, Near Shri Swami Samarth Kendra, Gajanan Colony, Navnagapur-414111	India	India
Dr. S. Vijayalakshmi	No. 6, Jasmine Garden, Ashok nagar, Kovilpathagai, Avadi - 600 062	India	India
Mr. Samrat Ray	18/1b golf garden kaveri appts, Kolkata, West bengal	India	India
Dr Madhuri Mangesh Nandanwar	Thakurli East, Thane, Maharashtra India	India	India
DEVESH PAL	RESEARCH SCHOLAR GURU GHASIDAS VISHWAVIDYALAYA BILASPUR (C.G.) 275-A/211, OLD BAIRAHNA PRAYAGRAJ - 211003 PRAYAGRAJ , UTTAR PRADESH	India	India

Applicant

Name	Address	Country	Nationality
Dr. M. MUTHUMEENAKSHI	ASSOCIATE PROFESSOR Department of COMMERCE VELLORE INSTITUTE OF TECHNOLOGY : VELLORE - 632014	India	India
Y. Mamatha	Assistant professor Department of MBA PVKK Institute of Technology Anantapur-515001	India	India
Dr Archana Borde	Sector.no.24,Plot.no.116, P.C.N.T.D,Nigdi Pune 411044 Maharashtra	India	India
Dr. Saykar Satish Govind	Matoshri, Near Shri Swami Samarth Kendra, Gajanan Colony, Navnagapur-414111	India	India
Dr. S. Vijayalakshmi	No. 6, Jasmine Garden, Ashok nagar, Kovilpathagai, Avadi - 600 062	India	India
Mr. Samrat Ray	18/1b golf garden kaveri appts, Kolkata, West bengal	India	India
Dr Madhuri Mangesh Nandanwar	Thakurli East, Thane, Maharashtra India	India	India
DEVESH PAL	RESEARCH SCHOLAR GURU GHASIDAS VISHWAVIDYALAYA BILASPUR (C.G.) 275-A/211, OLD BAIRAHNA PRAYAGRAJ - 211003 PRAYAGRAJ , UTTAR PRADESH	India	India

Abstract:

Financial planning & management for salaried employee in an organisation along with strategies for tax savings for the benefits of both employee and employer in private sector
 ABSTRACT Your financial plan should include your present and anticipated income, savings, expenditures, future earnings, insurance coverage, financial objectives, and long-term life objectives. Then, at various stages in your life, you assess your long-term and short-term financial goals and attempt to select suitable saving and investment strategies. With a personal financial plan and careful planning, you can accomplish your goals with minimal financial trouble. More so than wage workers, salaried workers require a solid financial plan. It allows individuals to pursue life-sufficiency while protecting their families and the community as a whole. Tax preparation is an essential component of effective financial planning. Through diligent planning, we have been able to minimise our tax burden. You can achieve this by making long-term investments and utilising all permissible tax benefits, deductions, refunds, and allowances. The goal of the study was to determine how wage-earners manage their finances and pay the least amount of taxation possible. The study's secondary objectives are to assess how much tax may be saved by adopting the most popular and effective way of tax reduction, as well as the extent to which this strategy is implemented.

Complete Specification

Description:DESCRIPTIONS

At the beginning of each fiscal year, when it is time to pay taxes, salaried people are more anxious and have more to accomplish. You have financial obligations for the current fiscal year, such as tax payments, and you are attempting to lower your tax burden. As an Indian taxpayer, it is your job to understand about your tax bracket and the numerous income tax deductions accessible to salaried workers. It will help you understand how tax deductions operate for salaried individuals and how to avoid issues when filing taxes. If they apply the proper financial tools, salaried people can lower their tax burden. If salaried workers do not take the time to complete their research, it may be difficult for them to comprehend all of the prospective tax savings. There are numerous ways for salaried people to save money on taxes, which can have a substantial impact on how they organise their budgets. To lower the amount of taxes you owe, it is necessary to prepare ahead. When inflation generates unstable financial markets, you need this to maintain a stable savings rate. As a result, its possession is essential. Tax payment should be included in your long-term financial plan. I believe we will be able to keep our total tax expense as low as possible if we manage our taxes efficiently. This can be achieved by taking advantage of all legal tax incentives, such as credits, deductions, and refunds, and investing in ways that will help you reach your long-term objectives. In India, those who pay the most amount of taxes get compensated. We know that salaried individuals pay three times as much in taxes as self-employed individuals. It is commendable that you pay your taxes on time and seek lawful means to lower your tax liability. The tax burdens of salaried workers can be decreased by investing in a variety of financial products that enable them to take advantage of deductions and exemptions. Consider how prospective investment returns will be taxed prior to making a final decision if minimising your tax burden is crucial to you. Start by familiarising yourself with the various components of your pay stub, such as the housing allowance, vacation travel allowance, transportation allowance, etc. This analysis will help you design a strategy that will allow you to utilise exemptions to the greatest extent possible. "The key to efficient tax preparation is to make it easy." is one of the most significant pieces of tax

[View Application Status](#)



Terms & conditions (<http://ipindia.gov.in/terms-conditions.htm>) Privacy Policy (<http://ipindia.gov.in/privacy-policy.htm>) Copyright (<http://ipindia.gov.in/copyright.htm>)
Hyperlinking Policy (<http://ipindia.gov.in/hyperlinking-policy.htm>) Accessibility (<http://ipindia.gov.in/accessibility.htm>) Archive (<http://ipindia.gov.in/archive.htm>)
Contact Us (<http://ipindia.gov.in/contact-us.htm>) Help (<http://ipindia.gov.in/help.htm>)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019



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

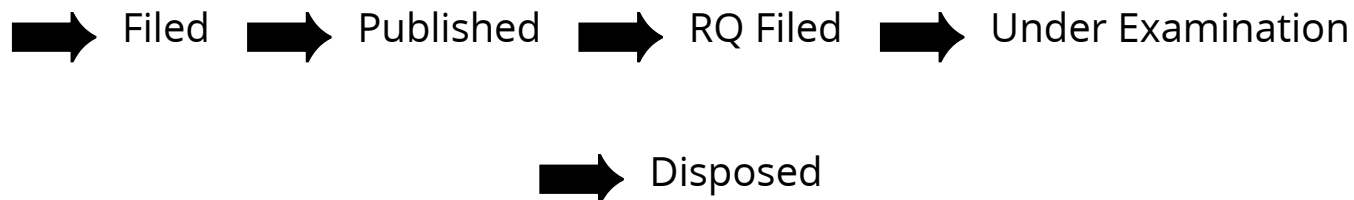
APPLICATION NUMBER	202241068394
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	28/11/2022
APPLICANT NAME	1 . Dr. M. MUTHUMEENAKSHI 2 . Y. Mamatha 3 . Dr Archana Borde 4 . Dr. Saykar Satish Govind 5 . Dr. S. Vijayalakshmi 6 . Mr. Samrat Ray 7 . Dr Madhuri Mangesh Nandanwar 8 . DEVESH PAL
TITLE OF INVENTION	Financial planning & management for salaried employee in an organisation along with strategies for tax savings for the benefits of both employee and employer in private sector
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	senanipindia@gmail.com
ADDITIONAL-EMAIL (As Per Record)	editorsippublisher@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	02/12/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination

[View Documents](#)



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

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<shttp://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

[Skip to Main Content](#)



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



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

Patent Search

Invention Title	DISSOLUTION IMPROVEMENT OF GLIMEPIRIDE AND OLANZAPINE USING KETOROLAC TROMETHAMINE		
Publication Number	48/2022		
Publication Date	02/12/2022		
Publication Type	INA		
Application Number	202221067464		
Application Filing Date	23/11/2022		
Priority Number			
Priority Country			
Priority Date			
Field Of Invention	CHEMICAL		
Classification (IPC)	A61K0031407000, A61K0031640000, A61K0047690000, C07D0207380000, G01N0033150000		
Inventor			
Name	Address	Country	Nationality
Dr. Sabahuddin Siddique	Principal, Bhabha Pharmacy Research Institute, Bhabha University, Bhopal, Madhya Pradesh, India, 462026	India	India
Dr. Paramita Das	Associate Professor Department of Pharmaceutical chemistry Krupanidhi College of Pharmacy #12/1, Chikkabelandur, Carmelaram, post. VarthurHobli, Bangalore- 560035. India	India	India
Dr. A. Muthukumar	Associate Professor Department of Pharmacology Al-Ameen College of Pharmacy, Hosur Main Road, opp. Lalbagh Main Gate, Bengaluru-560027. India	India	India
Dr.Mohd.Washid Khan	Principal. Department of P.G.Studies and Research in Chemistry and Pharmacy Rani Durgavati Vishwavidyalaya Jabalpur - 482002, Madhya Pradesh, India	India	India
Mrs. Anjali Nayak	Assistant Professor Department of Pharmaceutical chemistry Krupanidhi College of Pharmacy #12/1, Chikkabelandur, Carmelaram, post. VarthurHobli, Bangalore- 560035. India	India	India
Dr. Jyoti Choubey	Asst.Prof. Department of P.G.Studies and Research in Chemistry and Pharmacy Rani Durgavati Vishwavidyalaya Jabalpur 482002, Madhya Pradesh, India	India	India
Dr. Santosh Kumar Verma	Associate Professor School of Chemistry and Chemical Engineering, Yulin University, Yulin 719000, Shaanxi, P. R. China	India	India
Dr. Arun Kumar Kashyap	Assistant Professor Govt. E Raghavendra Rao PG. Science College, Pin- 495001, Bilaspur, Chhattisgarh, India	India	India
Ms. Makwana Rajeshreebahren Pravinkumar	Research Scholar Dharmsinh Desai University, Nadiad, Gujarat, India Pin - 387 001	India	India
Dr. S.K. Lanjhiyana	Asst. Professor, SLT Institute of Pharmaceutical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, 495009, Chhattisgarh, India	India	India
Dr. Sweety Lanjhiyana	Professor, School of Pharmacy, Chouksey Engineering College, Bilaspur 495001, Chhattisgarh, India	India	India
Dr. Rameshwari Verma	Associate Professor School of Chemistry and Chemical Engineering, Yulin University, Yulin 719000, Shaanxi, P. R. China	India	India
Applicant			

Name	Address	Country	Nationality
Dr. Sabahuddin Siddique	Principal, Bhabha Pharmacy Research Institute, Bhabha University, Bhopal, Madhya Pradesh, India, 462026	India	India
Dr. Paramita Das	Associate Professor Department of Pharmaceutical chemistry Krupanidhi College of Pharmacy #12/1, Chikkabelandur, Carmelaram, post. VarthurHobli. Bangalore- 560035. India	India	India
Dr. A. Muthukumar	Associate Professor Department of Pharmacology Al-Ameen College of Pharmacy, Hosur Main Road, opp. Lalbagh Main Gate, Bengaluru-560027. India	India	India
Dr.Mohd.Washid Khan	Principal. Department of P.G.Studies and Research in Chemistry and Pharmacy Rani Durgavati Vishwavidyalaya Jabalpur – 482002, Madhya Pradesh, India	India	India
Mrs. Anjali Nayak	Assistant Professor Department of Pharmaceutical chemistry Krupanidhi College of Pharmacy #12/1, Chikkabelandur, Carmelaram, post. VarthurHobli. Bangalore- 560035. India	India	India
Dr. Jyoti Choubey	Asst.Prof. Department of P.G.Studies and Research in Chemistry and Pharmacy Rani Durgavati Vishwavidyalaya Jabalpur 482002, Madhya Pradesh, India	India	India
Dr. Santosh Kumar Verma	Associate Professor School of Chemistry and Chemical Engineering, Yulin University, Yulin 719000, Shaanxi, P. R. China	China	India
Dr. Arun Kumar Kashyap	Assistant Professor Govt. E Raghavendra Rao PG. Science College, Pin- 495001, Bilaspur, Chhattisgarh, India	India	India
Ms. Makwana Rajeshreebahen Pravinkumar	Research Scholar Dharmsinh Desai University, Nadiad, Gujarat, India Pin - 387 001	India	India
Dr. S.K. Lanjhiyana	Asst. Professor, SLT Institute of Pharmaceutical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, 495009, Chhattisgarh, India	India	India
Dr. Sweety Lanjhiyana	Professor, School of Pharmacy, Chouksey Engineering College, Bilaspur 495001, Chhattisgarh, India	India	India
Dr. Rameshwari Verma	Associate Professor School of Chemistry and Chemical Engineering, Yulin University, Yulin 719000, Shaanxi, P. R. China	China	India

Abstract:

DISSOLUTION IMPROVEMENT OF GLIMEPIRIDE AND OLANZAPINE USING KETOROLAC TROMETHAMINE A method for dissolution improvement of glimepiride and olanzapine using ketorolac tromethamine. The method includes weighing a Glimepiride and PVPK and pulverized and mixed thoroughly by light trituration for 5 min in a mortar and carrying out the effect of concentrations of PVPK 90 on the equilibration solubility of glimepiride in phosphate buffer pH 7.4 at room temperature by adding an excess of drug (50 mg) into a screw-capped glass vial containing 10 mL of phosphate buffer pH 7.4 and various amounts of the carrier. Determining the assay of glimepiride spectrophotometrically at 226 nm, a wave length at which PVPK 90 does not interfere. Weighing the SDs or PMs equivalent to 10 mg of glimepiride using a digital balance (Ohaus Corp) and added into the dissolution medium. Obtaining an indication of the process of transfer of glimepiride from pure water to the aqueous solution of PVPK from the values of Gibbs free energy change. FIG.1

Complete Specification

Description:DISSOLUTION IMPROVEMENT OF GLIMEPIRIDE AND OLANZAPINE USING KETOROLAC TROMETHAMINE

BACKGROUND**Technical Field**

[0001] The embodiments herein generally relate to a dissolution improvement of glimepiride and olanzapine and, more particularly, relate to the dissolution improvement of glimepiride and olanzapine using ketorolac tromethamine.

Description of the Related Art

[0002] Glimepiride, 1-(p-(2-(3-ethyl-4-methyl-2-oxo-3-pyrroline-1-carboxamido) ethyl) phenyl) sulfonyl)-3-(trans-4-methylcyclohexyl) urea is a third generation of hypoglycemic sulfonylurea which is useful in the treatment of non-insulin dependent diabetes mellitus 1, 2 (NIDDM). Prior reports reveal that the drug shows more potential benefits over currently available sulfonylureas such as lower dose, rapid onset of action, longer duration of action and lower insulin C-peptide 3, 4 level. Glimepiride is a white crystalline powder, relatively insoluble in water (pKa=6.2). Glimepiride exhibits slow GI absorption rate and inter individual variations in its bioavailability due to its poor water 1, 5, 6 solubility. From an economic point of view, low bio-availability of drug leads to wastage of more amount of drug after oral administration, in case of costly drug increases cost of formulation.

[0003] The approach solid dispersion has been used to increase water solubility and dissolution rate of poorly water-soluble drug and to solve bio-availability problems. Ammar et al., reported that the bioavailability and stability of glimepiride can be 7, 8 enhanced in its complex form with β -cyclodextrin. However, there is no report on the preparation and evaluation of glimepiride solid dispersion with polvinlovrrolidone K 90. In our previous studv. the potentiality of improvement of solubility and dissolution

[View Application Status](#)



**Department of Industrial
Policy and Promotion**
Government of India

Terms & conditions (<http://ipindia.gov.in/terms-conditions.htm>) Privacy Policy (<http://ipindia.gov.in/privacy-policy.htm>) Copyright (<http://ipindia.gov.in/copyright.htm>)
Hyperlinking Policy (<http://ipindia.gov.in/hyperlinking-policy.htm>) Accessibility (<http://ipindia.gov.in/accessibility.htm>) Archive (<http://ipindia.gov.in/archive.htm>)
Contact Us (<http://ipindia.gov.in/contact-us.htm>) Help (<http://ipindia.gov.in/help.htm>)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019



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

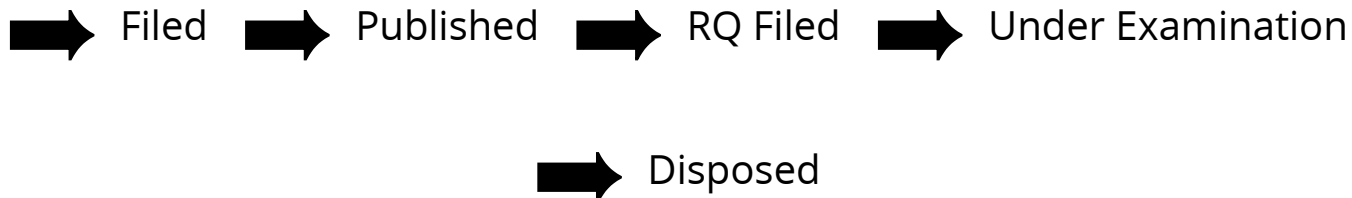
APPLICATION NUMBER	202221067464
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	23/11/2022
APPLICANT NAME	1 . Dr. Sabahuddin Siddique 2 . Dr. Paramita Das 3 . Dr. A. Muthukumar 4 . Dr.Mohd.Washid Khan 5 . Mrs. Anjali Nayak 6 . Dr. Jyoti Choubey 7 . Dr. Santosh Kumar Verma 8 . Dr. Arun Kumar Kashyap 9 . Ms. Makwana Rajeshreebahren Pravinkumar 10 . Dr. S.K. Lanjhiyana 11 . Dr. Sweety Lanjhiyana 12 . Dr. Rameshwari Verma
TITLE OF INVENTION	DISSOLUTION IMPROVEMENT OF GLIMEPIRIDE AND OLANZAPINE USING KETOROLAC TROMETHAMINE
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	vaagaiip@gmail.com
ADDITIONAL-EMAIL (As Per Record)	vaagaiip@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	02/12/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination

[View Documents](#)



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

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<shttp://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

[Skip to Main Content](#)



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



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

Patent Search

Invention Title	CRISIS MANAGEMENT MODEL FOR REFLECTIONS ON MARKETING EDUCATION SYSTEM'S TRANSFORMATION
Publication Number	47/2022
Publication Date	25/11/2022
Publication Type	INA
Application Number	202241066834
Application Filing Date	21/11/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	BIO-MEDICAL ENGINEERING
Classification (IPC)	A61B0005110000, G06Q0050200000, G06Q0030020000, H04L0067109700, A61B0005020500

Inventor

Name	Address	Country	Nationality
Rajesh.E	Assistant Professor in Special Education, School of Behavioural Sciences, Mahatma Gandhi University, Priyadarsini Hills P.O, Kottayam, Kerala	India	India
Dr. Sajjan Choudhuri	Associate Professor, Department of Management and Commerce, SRM University (Delhi, NCR)	India	India
Dr. Sarika Agarwal	Post-Doctoral Fellow (Under PDF of ICSSR), Department of Management Studies (School of Studies in Management and Commerce, Guru Ghasidas Vishwavidyalaya (A Central University), Koni, Bilaspur (CG) - 495009	India	India
Dr. Mukesh Agarwal	Assistant Professor, Department of Commerce (School of Studies in Management and Commerce, Guru Ghasidas Vishwavidyalaya (A Central University), Koni, Bilaspur (CG) - 495009	India	India
Dr. Tosendra Dwivedi	Senior Assistant Professor of Psychology, Psychology and Allied Sciences, Amity Institute of Psychology and Allied Sciences (AIPS), Amity University, Noida, Uttar Pradesh	India	India
Dr. Sunita Bhosle	Assistant Professor, Department of Botany, Balbhim Arts, Science and Commerce College, Beed, Maharashtra	India	India
Dr. Arokiaraj David	Assistant Professor, BSSS-IAS, M.P., India	India	India
Dr. Gurvinder Pal Singh	Professor, Department of Commerce and Management, Chandigarh Group of Colleges, Jhanjeri, Punjab	India	India

Applicant

Name	Address	Country	Nationality
Rajesh.E	Assistant Professor in Special Education, School of Behavioural Sciences, Mahatma Gandhi University, Priyadarsini Hills P.O, Kottayam, Kerala	India	India
Dr. Sajjan Choudhuri	Associate Professor, Department of Management and Commerce, SRM University (Delhi, NCR)	India	India
Dr. Sarika Agarwal	Post-Doctoral Fellow (Under PDF of ICSSR), Department of Management Studies (School of Studies in Management and Commerce, Guru Ghasidas Vishwavidyalaya (A Central University), Koni, Bilaspur (CG) - 495009	India	India
Dr. Mukesh Agarwal	Assistant Professor, Department of Commerce (School of Studies in Management and Commerce, Guru Ghasidas Vishwavidyalaya (A Central University), Koni, Bilaspur (CG) - 495009	India	India
Dr. Tosendra Dwivedi	Senior Assistant Professor of Psychology, Psychology and Allied Sciences, Amity Institute of Psychology and Allied Sciences (AIPS), Amity University, Noida, Uttar Pradesh	India	India
Dr. Sunita Bhosle	Assistant Professor, Department of Botany, Balbhim Arts, Science and Commerce College, Beed, Maharashtra	India	India
Dr. Arokiaraj David	Assistant Professor, BSSS-IAS, M.P., India	India	India
Dr. Gurvinder Pal Singh	Professor, Department of Commerce and Management, Chandigarh Group of Colleges, Jhanjeri, Punjab	India	India

Abstract:

CRISIS MANAGEMENT MODEL FOR REFLECTIONS ON MARKETING EDUCATION SYSTEM'S TRANSFORMATION In the present aspect of the invention, a system for crisis management model for reflections 5 on marketing education system transformation, the system is comprising of a plurality of identification sensors adapted to measure content at a predefined location, a controller comprising a memory unit where predefined processing condition are pre-stored, a data analyzing module that compares the measured content, a processing module that checks out which part of the sensors are responding, cloud storage that stores measured content of 10 the processed data, an electronic device for accessing data stored in the cloud storage using a server, wherein the processing module sends an alert on the electronic device of an authorized user to manage the measured content based on processed data. (FIG. 1 will be the reference figure)

Complete Specification

Description:CRISIS MANAGEMENT MODEL FOR REFLECTIONS ON MARKETING
EDUCATION SYSTEM'S TRANSFORMATION

TECHNICAL FIELD

5 [0001] The present disclosure generally relates to management. More specifically, the present disclosure relates to crisis management model for reflections on marketing education system transformation.

BACKGROUND

[0001] Background description includes information that may be useful in 10 understanding the present invention. It is not an admission that any of the information provided herein is prior art or relevant to the presently claimed invention, or that any publication specifically or implicitly referenced is prior art.

[0002] Sustainable development in every possible dimension whether it is health, finance, refuge and spirit, is demand of everyone. Of all the required possessions the one 15 which we are concern about in our work is education. The process is managed and capitalized by government entities. for this certain policies are designed as well. The

[View Application Status](#)

Terms & conditions (<http://ipindia.gov.in/terms-conditions.htm>) Privacy Policy (<http://ipindia.gov.in/privacy-policy.htm>) Copyright (<http://ipindia.gov.in/copyright.htm>)
Hyperlinking Policy (<http://ipindia.gov.in/hyperlinking-policy.htm>) Accessibility (<http://ipindia.gov.in/accessibility.htm>) Archive (<http://ipindia.gov.in/archive.htm>)
Contact Us (<http://ipindia.gov.in/contact-us.htm>) Help (<http://ipindia.gov.in/help.htm>)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019



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

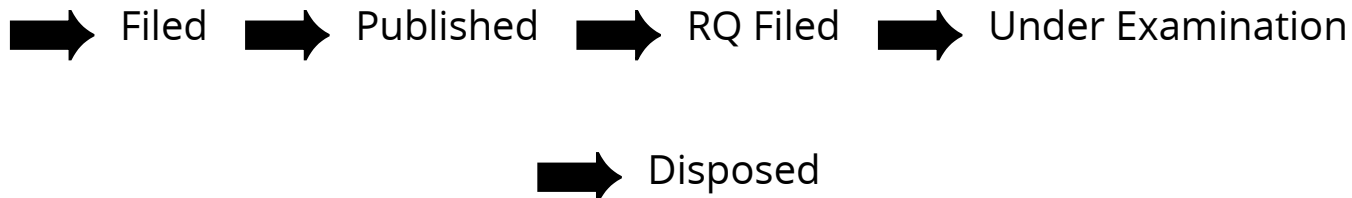
APPLICATION NUMBER	202241066834
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	21/11/2022
APPLICANT NAME	1 . Rajesh.E 2 . Dr. Sajjan Choudhuri 3 . Dr. Sarika Agarwal 4 . Dr. Mukesh Agarwal 5 . Dr. Tosendra Dwivedi 6 . Dr. Sunita Bhosle 7 . Dr. Arokiaraj David 8 . Dr. Gurvinder Pal Singh
TITLE OF INVENTION	CRISIS MANAGEMENT MODEL FOR REFLECTIONS ON MARKETING EDUCATION SYSTEM'S TRANSFORMATION
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	senanipindia@gmail.com
ADDITIONAL-EMAIL (As Per Record)	admin@senanip.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	25/11/2022

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

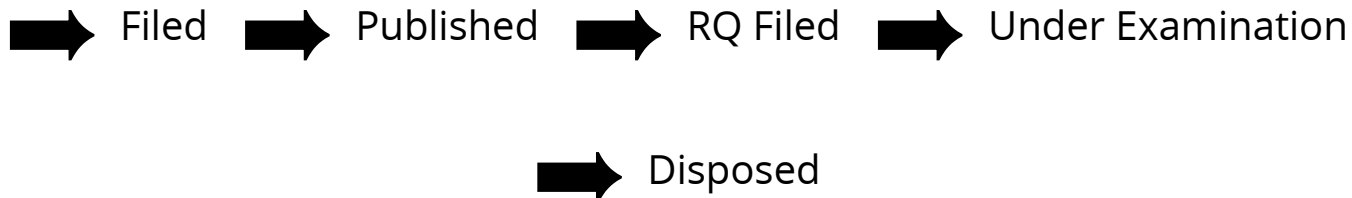
APPLICATION NUMBER	202221063771
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	08/11/2022
APPLICANT NAME	1 . Dr. Shailendra Singh Narwariya 2 . Dr.Naidu Narapusetty 3 . Dr. Ravindra Bhimraj Laware 4 . Dr.Abhijeet A Jondhale 5 . Dr. Kuntal Das 6 . Dr. Sayani Bhattacharyya 7 . Dr. Vivekanand Ankush Kashid 8 . Dr. Sandeep Kumar Goyal 9 . Dr. S.K. Lanjhiyana 10 . Dr. Sweety Lanjhiyana 11 . Ms. Sonika Shrivastav 12 . Mr. Akash Shivaji Gujar
TITLE OF INVENTION	FORMULATION AND ESTIMATION OF WEAKLY SOLUBLE DRUGS USING NEW NATURAL POLYMER
FIELD OF INVENTION	BIO-CHEMISTRY
E-MAIL (As Per Record)	vaagaiip@gmail.com
ADDITIONAL-EMAIL (As Per Record)	vaagaiip@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	18/11/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination

[View Documents](#)



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

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<shttp://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

[Skip to Main Content](#)



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



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

Patent Search

Invention Title	FORMULATION AND ESTIMATION OF WEAKLY SOLUBLE DRUGS USING NEW NATURAL POLYMER		
Publication Number	46/2022		
Publication Date	18/11/2022		
Publication Type	INA		
Application Number	202221063771		
Application Filing Date	08/11/2022		
Priority Number			
Priority Country			
Priority Date			
Field Of Invention	BIO-CHEMISTRY		
Classification (IPC)	A61P0009120000, A61M0016100000, A61K0009160000, A61K0009140000, A61K0009000000		
Inventor			
Name	Address	Country	Nationality
Dr. Shailendra Singh Narwariya	Principal of ITM, SOP (ITM University) Gwalior-474001, Madhya Pradesh, India	India	India
Dr.Naidu Narapusetty	Principal Bellamkonda Institute of Technology and Science, Podili-523240. Prakasam-Dt. Andhrapradesh, India	India	India
Dr. Ravindra Bhimraj Laware	Professor, Sandeep foundation's Sandeep institute of Pharmaceutical Sciences, Trambakeshwar Rd, Nashik- 422213, Maharashtra , India	India	India
Dr.Abhijeet A Jondhale	Assistant Professor, Dr.Kolpe Institute of Pharmacy, Kolpewadi, Tal: Kopargaon, Dist: Ahmednagar, Maharashtra - 423602	India	India
Dr. Kuntal Das	Professor, Department of Pharmacognosy and Phytochemistry Krupanidhi College of Pharmacy #12/1, Chikkabelandur, Carmelaram, post. Varthur Hobli. Bangalore- 560035. India	India	India
Dr. Sayani Bhattacharyya	Associate Professor, Department of Pharmaceutics, Krupanidhi College of Pharmacy #12/1, Chikkabelandur, Carmelaram, post. Varthur Hobli. Bangalore- 560035. India	India	India
Dr. Vivekanand Ankush Kashid	Principal, Dr. Kolpe Institute of Pharmacy, Kolpewadi, Tal. Kopargaon, Dist: Ahmednagar -423602, Maharashtra , -India	India	India
Dr. Sandeep Kumar Goyal	Professor & Head, Department of Pharmacology, Akal College of Pharmacy and Technical Education, Pin-148001 Mastuana Sahib (Sangrur) (Punjab)	India	India
Dr. S.K. Lanjhiyana	Asst. Professor, SLT Institute of Pharmaceutical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, 495009, Chhattisgarh, India	India	India
Dr. Sweety Lanjhiyana	Professor, School of Pharmacy, Chouksey Engineering College, Bilaspur 495001, Chhattisgarh, India	India	India
Ms. Sonika Shrivastav	PhD scholar of BN University, Assistant Professor of Pharmacology, SGT University ,Gurugram ,Haryana, India	India	India
Mr. Akash Shivaji Gujar	Lecturer Dr. Kolpe Institute of Pharmacy, Kolpewadi, Tal.Kopargaon, Dist.Ahmednagar 423602, Maharashtra, India	India	India
Applicant			

Name	Address	Country	Nationality
Dr. Shailendra Singh Narwariya	Principal of ITM, SOP (ITM University) Gwalior-474001, Madhya Pradesh, India	India	India
Dr.Naidu Narapusetty	Principal Bellamkonda Institute of Technology and Science, Podili-523240. Prakasam-Dt. Andhrapradesh, India	India	India
Dr. Ravindra Bhimraj Laware	Professor, Sandeep foundation's Sandeep institute of Pharmaceutical Sciences, Trambakeshwar Rd, Nashik- 422213, Maharashtra , India	India	India
Dr.Abhijeet A Jondhale	Assistant Professor, Dr.Kolpe Institute of Pharmacy, Kolpewadi, Tal: Kopargaon, Dist: Ahmednagar, Maharashtra - 423602	India	India
Dr. Kuntal Das	Professor, Department of Pharmacognosy and Phytochemistry Krupanidhi College of Pharmacy #12/1, Chikkabelandur, Carmelaram, post. Varthur Hobli. Bangalore- 560035. India	India	India
Dr. Sayani Bhattacharyya	Associate Professor, Department of Pharmaceutics, Krupanidhi College of Pharmacy #12/1, Chikkabelandur, Carmelaram, post. Varthur Hobli. Bangalore- 560035. India	India	India
Dr. Vivekanand Ankush Kashid	Principal, Dr. Kolpe Institute of Pharmacy, Kolpewadi, Tal. Kopargaon, Dist: Ahmednagar -423602, Maharashtra , -India	India	India
Dr. Sandeep Kumar Goyal	Professor & Head, Department of Pharmacology, Akal College of Pharmacy and Technical Education, Pin-148001 Mastuana Sahib (Sangrur) (Punjab)	India	India
Dr. S.K. Lanjhiyana	Asst. Professor, SLT Institute of Pharmaceutical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, 495009, Chhattisgarh, India	India	India
Dr. Sweety Lanjhiyana	Professor, School of Pharmacy, Chouksey Engineering College, Bilaspur 495001, Chhattisgarh, India	India	India
Ms. Sonika Shrivastav	PhD scholar of BN University, Assistant Professor of Pharmacology, SGT University ,Gurugram ,Haryana, India	India	India
Mr. Akash Shivaji Gujar	Lecturer Dr. Kolpe Institute of Pharmacy, Kolpewadi, Tal.Kopargaon, Dist.Ahmednagar 423602, Maharashtra, India	India	India

Abstract:

FORMULATION AND ESTIMATION OF WEAKLY SOLUBLE DRUGS USING NEW NATURAL POLYMER A method for formulation and estimation of weakly soluble drugs using new natural polymer. The method includes (i) applying a hot melt extrusion (HME) heat and pressure to melt a polymer and force it through an orifice in a continuous process, (ii) producing polymer products of uniform shape and density and this technology shows numerous benefits over traditional methods, including shorter processing times, environmental advantages due to the elimination of solvents and the more efficient delivery of drugs to patients, (iii) pre-formulation involves the application of biopharmaceutical principles to the physicochemical parameters of drug substance are characterized to design optimum drug delivery system, (iv) determining eprosartan melting point by the insertion of the capillary in the paraffin bath, and the melting temperature was recorded electronically, (v) using the potassium bromide (KBr) disk method for the preparation of the sample. The samples were ground gently with anhydrous KBr and compressed to form a pellet. FIG.1

Complete Specification

Description:FORMULATION AND ESTIMATION OF WEAKLY SOLUBLE DRUGS USING NEW NATURAL POLYMER

BACKGROUND**Technical Field**

[0001] The embodiments herein generally relate to a formulation and estimation of weakly soluble drug and, more particularly, relate to the formulation and estimation of weakly soluble drugs using new natural polymer.

Description of the Related Art

[0002] The drug may be administered by a variety of routes but oral administration is adopted wherever possible. It is safest, easiest and most economical route of drug administration. Sustained release technology is a relatively new field and as a consequence, research in the field has been extremely fertile and has produced many discoveries. New and more sophisticated sustained release drug delivery system constantly being developed and tested. Diclofenac sodium is an acetic acid nonsteroidal anti-inflammatory drug (NSAID) with analgesic and antipyretic properties. Diclofenac sodium is used to treat pain, dysmenorrhea, ocular inflammation, osteoarthritis, rheumatoid arthritis, ankylosing spondylitis, and actinic keratosis. Diclofenac sodium is rapidly and completely absorbed after oral administration, peak plasma concentrations are reached 1 to 3hr after an oral dose (Cmax). The plasma elimination half-life of Diclofenac sodium is approximately 3-4 hour and the frequency of dosing is high. So by formulating it into a sustained release formulation we can reduce dosing frequency to improve the patient compliance and to reduce the systemic side effects.

[View Application Status](#)



राष्ट्रीय मतदाता सेवा पोर्टल
NATIONAL VOTERS' SERVICES PORTAL

Terms & conditions (<http://ipindia.gov.in/terms-conditions.htm>) Privacy Policy (<http://ipindia.gov.in/privacy-policy.htm>) Copyright (<http://ipindia.gov.in/copyright.htm>)
Hyperlinking Policy (<http://ipindia.gov.in/hyperlinking-policy.htm>) Accessibility (<http://ipindia.gov.in/accessibility.htm>) Archive (<http://ipindia.gov.in/archive.htm>)
Contact Us (<http://ipindia.gov.in/contact-us.htm>) Help (<http://ipindia.gov.in/help.htm>)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<shttp://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

[Skip to Main Content](#)



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



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

Patent Search

Invention Title	MEDICAL IMAGE SEGMENTATION USING CONVOLUTIONAL NEURAL NETWORKS WITH AUTOENCODER
Publication Number	42/2022
Publication Date	21/10/2022
Publication Type	INA
Application Number	202221059300
Application Filing Date	17/10/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	COMPUTER SCIENCE
Classification (IPC)	G06N0003080000, G06T0007000000, A61B0005000000, G06N0003040000, G16H0050200000

Inventor

Name	Address	Country	Nationality
Dr Suman Kumar Swarnkar	Shri Shankaracharya Institute of Professional Management and Technology, Raipur, Chhattisgarh, India	India	India
Dr Abhishek Guru	Koneru Lakshmaiah Education Foundation, Vaddeswaram, AP, India	India	India
Dr. Gurpreet Singh Chhabra	Gandhi Institute of Technology and Management, Visakhapatnam	India	India
Dr Prashant Kumar Tamrakar	RSR Rungta College of Engineering and Technology, Bhilai, Chhattisgarh	India	India
Dr. Bhawna Janghel	Bharti Vishwavidyalaya, Durg	India	India
Dr. Upasana Sinha	Guru Ghasidas Vishwavidyalaya, Bilaspur	India	India

Applicant

Name	Address	Country	Nationality
Dr Suman Kumar Swarnkar	Shri Shankaracharya Institute of Professional Management and Technology, Raipur, Chhattisgarh, India	India	India
Dr Abhishek Guru	Koneru Lakshmaiah Education Foundation, Vaddeswaram, AP, India	India	India
Dr. Gurpreet Singh Chhabra	Gandhi Institute of Technology and Management, Visakhapatnam	India	India
Dr Prashant Kumar Tamrakar	RSR Rungta College of Engineering and Technology, Bhilai, Chhattisgarh	India	India
Dr. Bhawna Janghel	Bharti Vishwavidyalaya, Durg	India	India
Dr. Upasana Sinha	Guru Ghasidas Vishwavidyalaya, Bilaspur	India	India

Abstract:

Abstract Imaging in medicine plays a significant part in a broad number of clinical applications, including those that are utilized for early detection, monitoring, diagnosis, and assessment of therapy for a wide variety of medical diseases. Deep learning and artificial neural networks are two concepts that you need to have a firm grasp on if you want to become an expert in medical image analysis using computer vision. Rapid progress is being made in the field of research known as deep learning approach (DLA), which focuses on medical image processing. DLA has had widespread use in the field of medical imaging as a diagnostic tool for determining the presence or absence of disease. Along with the construction of artificial neural networks and a comprehensive investigation of DLA, some of the potential applications for medical imaging are covered in this article. Digital pictures from X-rays, CT scans, mammograms, and histology are the primary focus of the majority of DLA applications. This article offers an in-depth analysis of the research that has been done on DLA for the classification, detection, and segmentation of medical images. When researchers use this summary, they may be better able to think about ways to enhance DLA-based medical image analysis.

Complete Specification

Description:Field of the invention

Imaging in medicine plays a significant part in a broad number of clinical applications, including those that are utilised for early detection, monitoring, diagnosis, and assessment of therapy for a wide variety of medical diseases. Deep learning and artificial neural networks are two concepts that you need to have a firm grasp on if you want to become an expert in medical image analysis using computer vision. Rapid progress is being made in the field of research known as deep learning approach (DLA), which focuses on medical image processing. DLA has had widespread use in the field of medical imaging as a diagnostic tool for determining the presence or absence of disease. Along with the construction of artificial neural networks and a comprehensive investigation of DLA, some of the potential applications for medical imaging are covered in this article. Digital pictures from X-rays, CT scans, mammograms, and histology are the primary focus of the majority of DLA applications. This article offers an in-depth analysis of the research that has been done on DLA for the classification, detection, and segmentation of medical images. When researchers use this summary, they may be better able to think about ways to enhance DLA-based medical image analysis.

Background of the invention

X-rays, computed tomography (CT) scans, mammograms, ultrasounds, magnetic resonance imaging (MRI), magnetic resonance angiography (MRA), positron emission tomography (PET) scans, and other types of medical imaging services are being used more often in the medical field. In addition, there is a shortage of radiologists, which may make it harder to assess medical pictures and make the process of analysis more time consuming.

Artificial intelligence is the solution to these issues (AI). In the domain of artificial intelligence (AI), the term "machine learning" (ML) refers to a technology that allows computers to learn from data and make predictions or judgments based on that data without being expressly programmed to do so. ML makes use of three distinct

[View Application Status](#)



राष्ट्रीय मतदाता सेवा पोर्टल
NATIONAL VOTERS' SERVICES PORTAL

Terms & conditions (<http://ipindia.gov.in/terms-conditions.htm>) Privacy Policy (<http://ipindia.gov.in/privacy-policy.htm>) Copyright (<http://ipindia.gov.in/copyright.htm>)
Hyperlinking Policy (<http://ipindia.gov.in/hyperlinking-policy.htm>) Accessibility (<http://ipindia.gov.in/accessibility.htm>) Archive (<http://ipindia.gov.in/archive.htm>)
Contact Us (<http://ipindia.gov.in/contact-us.htm>) Help (<http://ipindia.gov.in/help.htm>)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019



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>)

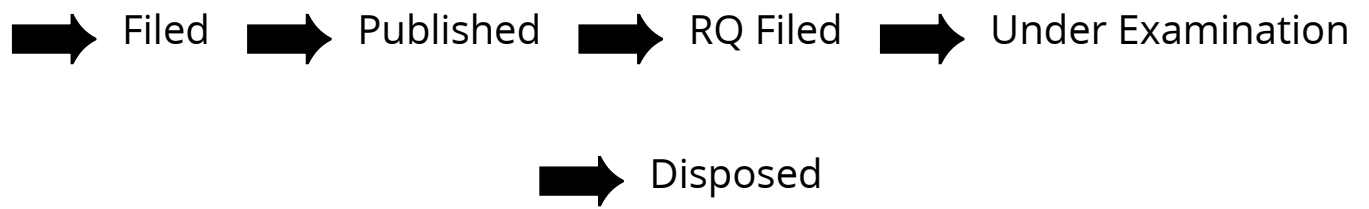
Application Details

APPLICATION NUMBER	202221059300
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	17/10/2022
APPLICANT NAME	1 . Dr Suman Kumar Swarnkar 2 . Dr Abhishek Guru 3 . Dr. Gurpreet Singh Chhabra 4 . Dr Prashant Kumar Tamrakar 5 . Dr. Bhawna Janghel 6 . Dr. Upasana Sinha
TITLE OF INVENTION	MEDICAL IMAGE SEGMENTATION USING CONVOLUTIONAL NEURAL NETWORKS WITH AUTOENCODER
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	senanipindia@gmail.com
ADDITIONAL-EMAIL (As Per Record)	admin@senanip.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	21/10/2022

Application Status

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

[View Documents](#)



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

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<shhttp://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

[Skip to Main Content](#)



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



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

Patent Search

Invention Title	An AI-powered portfolio management system for automated algorithmic trading & process optimization
Publication Number	42/2022
Publication Date	21/10/2022
Publication Type	INA
Application Number	202231058937
Application Filing Date	15/10/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	COMPUTER SCIENCE
Classification (IPC)	G06Q0040040000, G06Q0040060000, G06N0020000000, G06Q0040020000, G06Q0020060000

Inventor

Name	Address	Country	Nationality
Abhijit Tripathy	Qr No - E/1, Jail Colony, District Jail, Keonjhar	India	India
Dr. Alok Kumar Singh Kushwaha	Department of Computer Science and Engineering, Guru Ghasidas Vishwavidyalaya, Bilaspur	India	India

Applicant

Name	Address	Country	Nationality
Abhijit Tripathy	Qr No - E/1, Jail Colony, District Jail, Keonjhar	India	India
Dr. Alok Kumar Singh Kushwaha	Department of Computer Science and Engineering, Guru Ghasidas Vishwavidyalaya, Bilaspur	India	India

Abstract:

Algorithmic Trading has a special benefit over normal trading methodologies, that it can execute many numbers of orders at any instant depending on algorithms or we can say strategies predefined. Although SEBI has several algorithmic trading strategies defined, choosing the wrong strategy, considering the speed at which Algorithmic High-Frequency Trading (HFT) happens, can affect millions of stocks and can maximize the risk and loss. Further, the stock market or cryptocurrency market data is of huge volume and finding patterns from past data is not as dynamic as choosing an algorithm for the HFT. Simply, we can say, although there might be N number of strategies in the market, to know exactly which strategy will be executed for the current market environment (again considering complex features like market volatility, risk factors etc), we can't manually decide everything. This is where AI comes into the picture. The usage of AI in algorithmic trading is not new, and we can say this proposal is innovative in terms of the usage of AI in the finance sector. Automation combines the entire process with Artificial Intelligence and machine learning adding an extra layer of intelligence to the Algorithmic Trading modules. AI-powered computer systems are trained in such a way that they are ready to recognise market movements with impressive accuracy, helping algorithms bid accordingly. By accessing and understanding large data sets, ML systems can predict future outcomes, enhance trading strategies and tweak portfolios accordingly. AI can be implemented to minimize the human risk of analysing a huge volume of data and devising new strategies. With the help of AI, it's also possible for computer systems to check multiple market conditions and adjust trades instantly depending on the market environment. Of course, if this were to be done manually, it would take hours and hours of physical labour, research and fact-checking. And even then, errors might occur. Opportunities are likely to be missed too which is not at all optimal for the finance sector of India. Regarding the business perspective and industry centricity of this idea to devise better AI algorithms and automation techniques for the prediction of trends and strategies in a way better than the existing AI-powered algorithmic trading softwares is that the algorithmic trading market is expected to grow by \$4 billion by 2024, bringing the total volume to \$19 billion. The economic fallout from COVID-19 has seen a record-breaking drop in the American, European, and Chinese stock markets. Hence there is no better time to put our research and development to develop better algorithms and techniques to automate the entire process. As we know India has a large opportunity bucket in the financial sector, the data available to us is hugely unstructured and affected by several thousand factors. To develop something which is powered by AI and involves market volatility as well as risk, we need to start working as soon as possible to do proper research by utilizing our biggest strength, that's the huge availability of unstructured, unused data.

Complete Specification

Description: Algorithmic Trading has a special benefit over normal trading methodologies, that it can execute many numbers of orders at any instant depending on algorithms or we can say strategies predefined. Although SEBI has several algorithmic trading strategies defined, choosing the wrong strategy, considering the speed at which Algorithmic High-Frequency Trading (HFT) happens, can affect millions of stocks and can maximize the risk and loss. Further, the stock market or cryptocurrency market data is of huge volume and finding patterns from past data is not as dynamic as choosing an algorithm for the HFT. Simply, we can say, although there might be N number of strategies in the market, to know exactly which strategy will be executed for the current market environment (again considering complex features like market volatility, risk factors etc), we can't manually decide everything.

This is where AI comes into the picture.

The usage of AI in algorithmic trading is not new, and we can say this proposal is innovative in terms of the usage of AI in the finance sector. Automation combines the entire process with Artificial Intelligence and machine learning adding an extra layer of intelligence to the Algorithmic Trading modules. AI-powered computer systems are trained in such a way that they are ready to recognise market movements with impressive accuracy, helping algorithms bid accordingly. By accessing and understanding large data sets, ML systems can predict future outcomes, enhance trading strategies and tweak portfolios accordingly. AI can be implemented to minimize the human risk of analysing a huge volume of data and devising new strategies. With the help of AI, it's also possible for computer systems to check multiple market conditions and adjust trades instantly depending on the market environment. Of course, if this were to be done manually, it would take hours and hours of physical labour, research and fact-checking. And even

[View Application Status](#)



**Department of Industrial
Policy and Promotion**
Government of India

Terms & conditions (<http://ipindia.gov.in/terms-conditions.htm>) Privacy Policy (<http://ipindia.gov.in/privacy-policy.htm>) Copyright (<http://ipindia.gov.in/copyright.htm>)
Hyperlinking Policy (<http://ipindia.gov.in/hyperlinking-policy.htm>) Accessibility (<http://ipindia.gov.in/accessibility.htm>) Archive (<http://ipindia.gov.in/archive.htm>)
Contact Us (<http://ipindia.gov.in/contact-us.htm>) Help (<http://ipindia.gov.in/help.htm>)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019



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>)

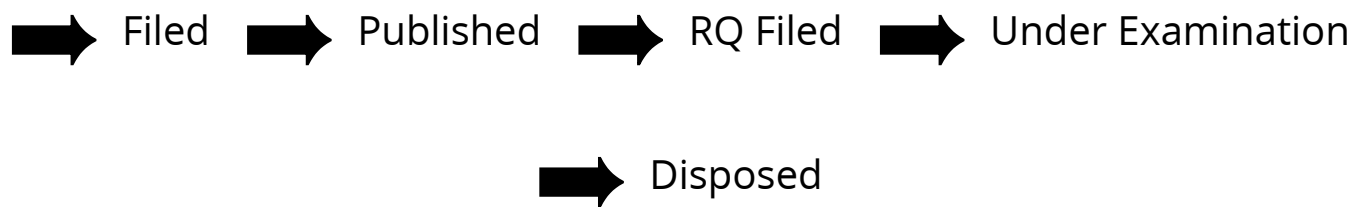
Application Details

APPLICATION NUMBER	202231058937
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	15/10/2022
APPLICANT NAME	1 . Abhijit Tripathy 2 . Dr. Alok Kumar Singh Kushwaha
TITLE OF INVENTION	An AI-powered portfolio management system for automated algorithmic trading & process optimization
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	abhijittripathy99@gmail.com
ADDITIONAL-EMAIL (As Per Record)	abhijittripathy99@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	21/10/2022

Application Status

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

[View Documents](#)



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

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<shhttp://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

[Skip to Main Content](#)



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



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

Patent Search

Invention Title	A METHOD OF VALUE ADDITION BY TRANSFORMING INDIAN PROPOLIS INTO ITS SILVER NANOPARTICLES AND THEIR THERAPEUTIC USES
Publication Number	42/2022
Publication Date	21/10/2022
Publication Type	INA
Application Number	202221056592
Application Filing Date	02/10/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	BIOTECHNOLOGY
Classification (IPC)	A61K0035644000, A61K0009000000, A61K0009160000, A61K0008980000, H01L0051520000

Inventor

Name	Address	Country	Nationality
Monika Bhadauria	Toxicology and Pharmacology Laboratory, Department of Zoology, Guru Ghasidas Vishwavidyalaya, Bilaspur 495009 (C.G.) India	India	India
Shubham Singh	Toxicology and Pharmacology Laboratory, Department of Zoology, Guru Ghasidas Vishwavidyalaya, Bilaspur 495009 (C.G.) India	India	India
Satendra Kumar Nirala	Department of Rural Technology and Social Development, Guru Ghasidas Vishwavidyalaya, Bilaspur 495009 (C.G.) India	India	India
Dhiraj Kumar	School of Studies in Zoology, Jiwaji University, Gwalior 474011 (M.P.) India	India	India
Sangeeta Shukla	School of Studies in Zoology, Jiwaji University, Gwalior 474011 (M.P.) India	India	India
Sadhana Shrivastava	School of Studies in Zoology, Jiwaji University, Gwalior 474011 (M.P.) India	India	India
Om Prakash Agrawal	School of Studies in Zoology, Jiwaji University, Gwalior 474011 (M.P.) India	India	India
Prashant Singh	Department of Chemistry, ARSD College, University of Delhi, Delhi, 110021 India	India	India

Applicant

Name	Address	Country	Nationality
Monika Bhadauria	Department of Zoology, Guru Ghasidas University	India	India

Abstract:

The present invention includes a method of value addition to Indian propolis by transforming it into its silver nanoparticles for their therapeutic uses and their physicochemical characterization. The silver nanoparticles of Indian propolis as a transformed product reflects pharmacologically acceptable characters, including successful encapsulation of Indian propolis within carrier polymer of silver, stability against temperature, spherical shaped particles with size within the diameter range of 45-90 nm, sulphur containing compounds, antioxidant, cytoprotective, genoprotective and antifibrotic activity.

Complete Specification

1 A method of value addition by transforming Indian propolis into its silver nanoparticles and their therapeutic uses Applicant: Dr. Monika Bhadauria Inventors: Monika Bhadauria ¹ , Shubham Singh ¹ , Satendra Kumar Nirala ² , Dhiraj Kumar ³ , Sangeeta Shukla ³ , Sadhana Shrivastava ³ , Om Prakash Agrawal ³ , and Prashant Singh ⁴ 1Toxicology and Pharmacology Laboratory, Department of Zoology, Guru Ghasidas Vishwavidyalaya, Bilaspur 495009 (C.G.) India 2Laboratory of Natural Products, Department of Rural Technology and Social Development, Guru Ghasidas Vishwavidyalaya, Bilaspur 495009 (C.G.) India 3School of Studies in Zoology, Jiwaji University, Gwalior 474011 (M.P.) India 4Department of Chemistry, ARSD College, University of Delhi, Delhi, 110021 India *Corresponding author- Dr. Monika Bhadauria Toxicology and Pharmacology Laboratory
--

[View Application Status](#)



**Department of Industrial
Policy and Promotion**
Government of India

Terms & conditions (<http://ipindia.gov.in/terms-conditions.htm>) Privacy Policy (<http://ipindia.gov.in/privacy-policy.htm>) Copyright (<http://ipindia.gov.in/copyright.htm>)
Hyperlinking Policy (<http://ipindia.gov.in/hyperlinking-policy.htm>) Accessibility (<http://ipindia.gov.in/accessibility.htm>) Archive (<http://ipindia.gov.in/archive.htm>)
Contact Us (<http://ipindia.gov.in/contact-us.htm>) Help (<http://ipindia.gov.in/help.htm>)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019



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>)

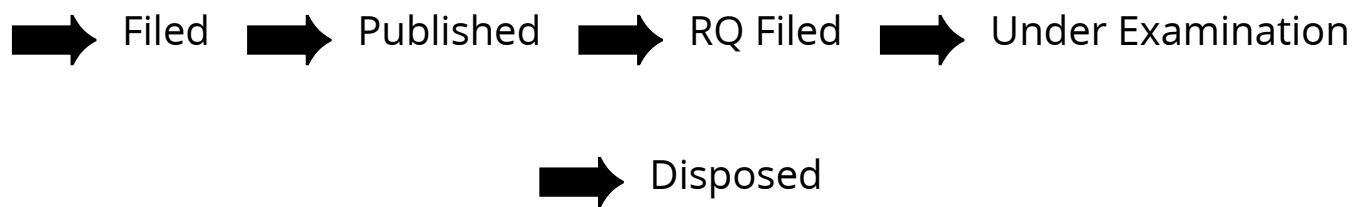
Application Details

APPLICATION NUMBER	202221056592
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	02/10/2022
APPLICANT NAME	Monika Bhadauria
TITLE OF INVENTION	A METHOD OF VALUE ADDITION BY TRANSFORMING INDIAN PROPOLIS INTO ITS SILVER NANOPARTICLES AND THEIR THERAPEUTIC USES
FIELD OF INVENTION	BIOTECHNOLOGY
E-MAIL (As Per Record)	monikabhadauria@rediffmail.com
ADDITIONAL-EMAIL (As Per Record)	bhadauria_monika@rediffmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	21/10/2022

Application Status

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

[View Documents](#)



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

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<shttp://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

[Skip to Main Content](#)



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



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

Patent Search

Invention Title	SYSTEM AND METHOD FOR CAPTURING GROUNDWATER POTENTIAL-ZONE INTEGRATING ARTIFICIAL NEURAL NETWORK AND GROUNDWATER INFLUENCING FACTORS		
Publication Number	43/2022		
Publication Date	28/10/2022		
Publication Type	INA		
Application Number	202221054753		
Application Filing Date	23/09/2022		
Priority Number			
Priority Country			
Priority Date			
Field Of Invention	COMPUTER SCIENCE		
Classification (IPC)	G06K0009000000, G06N0003080000, G06Q0010040000, G06N0003040000, G06N0003063000		
Inventor			
Name	Address	Country	Nationality
Dr.Prasoon Soni	Department Rural Technology and Social Development, Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh- 495009, India	India	India
Dr.Pushpraj Singh	Department Rural Technology and Social Development, Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh- 495009, India	India	India
Shruti Namdeo	Department Rural Technology and Social Development, Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh- 495009, India	India	India
Dr. Rohit Raja	Associate Professor and Head, Department of Information Technology, School of Studies (Engineering and Technology),Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur, Chhattisgarh- 495009, India	India	India
Applicant			
Name	Address	Country	Nationality
Dr.Prasoon Soni	Department Rural Technology and Social Development, Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh- 495009, India	India	India
Dr.Pushpraj Singh	Department Rural Technology and Social Development, Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh- 495009, India	India	India
Shruti Namdeo	Department Rural Technology and Social Development, Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh- 495009, India	India	India
Dr. Rohit Raja	Associate Professor and Head, Department of Information Technology, School of Studies (Engineering and Technology),Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur, Chhattisgarh- 495009, India	India	India
Abstract:			
<p>The present invention generally relates to a system to capture groundwater potential zone comprises a sensing node for collecting remote sensing data; a feature extraction unit for extracting a set of factors affecting remote sensing data; a pre-processing unit for assigning a rank to a set of factors by assessing each part-based mostly on the pairwise comparison; a training unit for training an artificial neural network based on each factors and the assigned rank, wherein the artificial neural network comprises an activation function to define how the weighted sum of the input is transformed into an output from one or more sensing nodes in a network layer; and a control unit for validating the result of AHP based groundwater potential zone for generating a final map of ground water zone upon comparing a pre-stored data.</p>			

Complete Specification

Description:FIELD OF THE INVENTION

The present disclosure relates to a system and method for capturing groundwater potential zone integrating artificial neural network and groundwater influencing factors.

BACKGROUND OF THE INVENTION

Population growth is the main reason for the increase in the daily needs of human beings. Water is a very important natural resource for fulfilling the needs of human beings and animals as well. Rivers, drains, ponds, canals, wells and groundwater are all sources of water, in which groundwater is very important. Groundwater is considered as one of the most precious resources which is a boon to developing countries. The occurrence of groundwater is limited in hard rock formations because of the non-development of pore spaces and openings. In hard rocks and impervious formations, groundwater is restricted to fractured zones and secondary porosities as the movement of water is mostly through these fractures and pores. Groundwater recharge is influenced by spatial variation in porosity and permeability of formations. These control the infiltration and percolation of water into the ground and its subsequent movement into the aquifer. These variations are, in turn, dependent on the geological formation, geomorphology, the soil textural characteristics, lineaments, slope, the drainage density, slope, among other factors.

All over the world, groundwater people in many ways according as irrigation, drinking, cooking, animal husbandry and other uses. Water is being used on a large scale in

[View Application Status](#)



Terms & conditions (<http://ipindia.gov.in/terms-conditions.htm>) Privacy Policy (<http://ipindia.gov.in/privacy-policy.htm>) Copyright (<http://ipindia.gov.in/copyright.htm>)
Hyperlinking Policy (<http://ipindia.gov.in/hyperlinking-policy.htm>) Accessibility (<http://ipindia.gov.in/accessibility.htm>) Archive (<http://ipindia.gov.in/archive.htm>)
Contact Us (<http://ipindia.gov.in/contact-us.htm>) Help (<http://ipindia.gov.in/help.htm>)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019



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>)



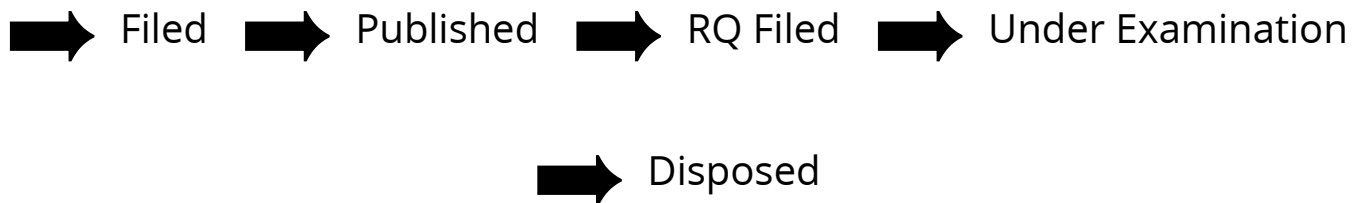
(<http://ipindia.nic.in/index.htm>)

Application Details

APPLICATION NUMBER	202221054753
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	23/09/2022
APPLICANT NAME	1 . Dr.Prasoon Soni 2 . Dr.Pushpraj Singh 3 . Shruti Namdeo 4 . Dr. Rohit Raja
TITLE OF INVENTION	SYSTEM AND METHOD FOR CAPTURING GROUNDWATER POTENTIAL-ZONE INTEGRATING ARTIFICIAL NEURAL NETWORK AND GROUNDWATER INFLUENCING FACTORS
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	mail@ideas2ipr.com
ADDITIONAL-EMAIL (As Per Record)	mail@ideas2ipr.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	19/01/2023
PUBLICATION DATE (U/S 11A)	28/10/2022
FIRST EXAMINATION REPORT DATE	23/02/2023
Date Of Certificate Issue	04/05/2023
POST GRANT JOURNAL DATE	12/05/2023
REPLY TO FER DATE	21/04/2023

Application Status

APPLICATION STATUS

**Granted Application, Patent Number
:431128**[E-Register](#)[View Documents](#)

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

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<http://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

[Skip to Main Content](#)



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



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

Patent Search

Invention Title	DEVELOPING AND EVALUATING POLYHERBAL FORMULATION FOR METABOLIC DISORDER		
Publication Number	39/2022		
Publication Date	30/09/2022		
Publication Type	INA		
Application Number	202241054444		
Application Filing Date	22/09/2022		
Priority Number			
Priority Country			
Priority Date			
Field Of Invention	FOOD		
Classification (IPC)	A23F0003340000, A61K0009000000, A01C0001020000, C07F0007180000, G01N0001280000		
Inventor			
Name	Address	Country	Nationality
Dr. Keshamma E	Associate Professor, Dept Of Biochemistry, Maharani Cluster University, Palace Road, Bangalore-560001, Karnataka, India	India	India
Dr. Sonali Vinod Uppalwar	Associate Professor Anand College of pharmacy, Sharda group of Institutions, Agra- Delhi Highway NH2, District- Agra, Keetham, Arsenia, Utter Pradesh.282007	India	India
Mr. Chandrashekhar Sahu	Associate Professor address, RITEE College of Pharmacy, Raipur Chhatauna, Mandir Hasauod, 492101, Chhattisgarh, India	India	India
Ms. Vandana Gupta	Assistant Professor of Pharmacy Department in Guru Ramdas Khalsa Institute of Science and Technology Jabalpur, Madhya Pradesh , India	India	India
Mr. Shivakumar S. Ladde	Assistant Professor, Department of Pharmacology Channabasweshwar Pharmacy College (Degree), Latur-413512, Dist-Latur, Maharashtra	India	India
Ms. Nihali Jain	Assistant Professor of Pharmacy Department in Guru Ramdas Khalsa Institute of Science and Technology Jabalpur, Madhya Pradesh , India	India	India
Dr. Sandeep Kumar Goyal	Professor & Head, Department of Pharmacology, Akal College of Pharmacy and Technical Education, Pin-148001 Mastuana Sahib (Sangrur) (Punjab)	India	India
Dr. Arun Kumar Kashyap	Assistant Professor, Govt. E Raghavendra Rao PG. Science College Bilaspur	India	India
Mr. Krishna Prasad Davarasingi	M. Pharmacy Student Dept. Quality Assurance Shri Vishnu College of Pharmacy Bhimavaram, W.G. Dist, Andhra Pradesh-531081, India	India	India
Dr. S.K. Lanjhiyana	Asst. Professor, SLT Institute of Pharmaceutical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, 495009, Chhattisgarh, India	India	India
Dr. Sweety Lanjhiyana	Professor, School of Pharmacy, Chouksey Engineering College, Bilaspur 495001, Chhattisgarh, India	India	India
Mr. Kuldip Kumar savita	ASSOCIATE PROFESSOR, SMT. VIDYAWATI COLLEGE OF PHARMACY, GORA MACHYYA, BARAGOAN, KANPUR ROAD JHANSI, PIN CODE-284121, JHANSI, UTTAR PRADESH	India	India
Applicant			

Name	Address	Country	Nationality
Dr. Keshamma E	Associate Professor, Dept Of Biochemistry, Maharani Cluster University, Palace Road, Bangalore-560001, Karnataka, India	India	India
Dr. Sonali Vinod Uppalwar	Associate Professor Anand College of pharmacy, Sharda group of Institutions, Agra- Delhi Highway NH2, District- Agra, Keetham, Arsen, Utter Pradesh.282007	India	India
Mr. Chandrashekhar Sahu	Associate Professor address, RITEE College of Pharmacy, Raipur Chhatauna, Mandir Hasauod, 492101, Chhattisgarh, India	India	India
Ms. Vandana Gupta	Assistant Professor of Pharmacy Department in Guru Ramdas Khalsa Institute of Science and Technology Jabalpur, Madhya Pradesh , India	India	India
Mr. Shivakumar S. Ladde	Assistant Professor, Department of Pharmacology Channabasweshwar Pharmacy College (Degree), Latur-413512, Dist-Latur, Maharashtra	India	India
Ms. Nihali Jain	Assistant Professor of Pharmacy Department in Guru Ramdas Khalsa Institute of Science and Technology Jabalpur, Madhya Pradesh , India	India	India
Dr. Sandeep Kumar Goyal	Professor & Head, Department of Pharmacology, Akal College of Pharmacy and Technical Education, Pin-148001 Mastuana Sahib (Sangrur) (Punjab)	India	India
Dr. Arun Kumar Kashyap	Assistant Professor, Govt. E Raghavendra Rao PG. Science College Bilaspur	India	India
Mr. Krishna Prasad Davarasingi	M. Pharmacy Student Dept. Quality Assurance Shri Vishnu College of Pharmacy Bhimavaram, W.G. Dist, Andhra Pradesh-531081, India	India	India
Dr. S.K. Lanjhiyana	Asst. Professor, SLT Institute of Pharmaceutical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, 495009, Chhattisgarh, India	India	India
Dr. Sweety Lanjhiyana	Professor, School of Pharmacy, Chouksey Engineering College, Bilaspur 495001, Chhattisgarh, India	India	India
Mr. Kuldip Kumar savita	ASSOCIATE PROFESSOR, SMT. VIDYAWATI COLLEGE OF PHARMACY, GORA MACHYYA, BARAGOAN, KANPUR ROAD JHANSI, PIN CODE-284121, JHANSI, UTTAR PRADESH	India	India

Abstract:

ABSTRACT DEVELOPING AND EVALUATING POLYHERBAL FORMULATION FOR METABOLIC DISORDER A method for developing and evaluating polyherbal formulation for metabolic disorder. The method includes a plant material were weighed and spread as a thin layer and was inspected first with naked eyes and then with the use of lens. The 3 gm of dried powered sample was weighed in silica dish and it was incinerated at a temperature not exceeding 450°C until it get free from carbon. Powdered drug was macerated with 100 ml of alcohol in cork fitted conical flask, wherein the solution was shaken frequently for 6 hrs and was allowed to stand for 18 hours. 5gm of powdered drug was macerated with 100 ml of water in cork fitted conical flask. The plant parts were washed, shade dried and powdered. In order to prepare the PHF, about 500gm of Azadirecta Indica. FIG.1

Complete Specification

Description:DEVELOPING AND EVALUATING POLYHERBAL FORMULATION FOR METABOLIC DISORDER

BACKGROUND**Technical Field**

[0001] The embodiments herein generally relate to a method for developing and evaluating polyherbal formulation for metabolic disorder.

Description of the Related Art

[0002] In the present study plant parts Azadirecta Indica (AI) leaves, Moringa Oleifera (MO) fruits and Andrographis Paniculata (AP) root and stem were collected and evaluated as per physico-chemical parameters and active chemical constituents were extracted using hydro alcoholic solvent. The active compounds present in all the three extracts were identified by preliminary phytochemical screening. PHF was prepared in a ratio of 1:1:1 quality of the finished product was evaluated on the parameter's angle of repose, loose bulk density, tapped bulk density, carr's index and hausner ratio as per the World Health Organization's (WHO) guidelines for the quality control of herbal materials. The acute toxicity study of PHF were performed as per OECD guideline 423, rats were orally administered 250, 500, 1000 and 2000 mg/kg over 14 days. The oral glucose tolerance test (OGTT) was performed at 200 and 400 mg/kg body weight. Antidiabetic activity of the PHF (200 and 400 mg/kg) was screened against streptozotocin (STZ) induced diabetes in rats and glibenclamide was used (5.0 mg/kg body weight) as standard drug. The investigational drug was administered for 14 days and the effect of the PHF on blood glucose levels was studied at 14th day after interventional period. At the end of the study, the blood samples were collected from all the animals for biochemical estimation

[0003] According to WHO diabetes mellitus will be the single largest non-communicable disease worldwide by the year 2025 with the largest diabetic population in India

[View Application Status](#)



Terms & conditions (<http://ipindia.gov.in/terms-conditions.htm>) Privacy Policy (<http://ipindia.gov.in/privacy-policy.htm>) Copyright (<http://ipindia.gov.in/copyright.htm>)

Hyperlinking Policy (<http://ipindia.gov.in/hyperlinking-policy.htm>) Accessibility (<http://ipindia.gov.in/accessibility.htm>) Archive (<http://ipindia.gov.in/archive.htm>)

Contact Us (<http://ipindia.gov.in/contact-us.htm>) Help (<http://ipindia.gov.in/help.htm>)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019



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>)

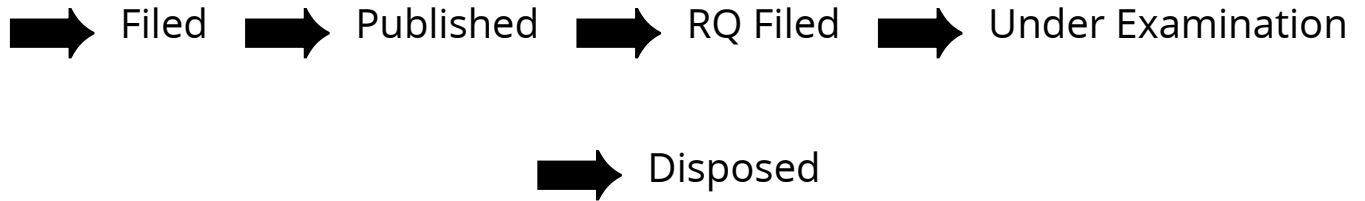
Application Details

APPLICATION NUMBER	202241054444
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	22/09/2022
APPLICANT NAME	1 . Dr. Keshamma E 2 . Dr. Sonali Vinod Uppalwar 3 . Mr. Chandrashekhar Sahu 4 . Ms. Vandana Gupta 5 . Mr. Shivakumar S. Ladde 6 . Ms. Nihali Jain 7 . Dr. Sandeep Kumar Goyal 8 . Dr. Arun Kumar Kashyap 9 . Mr. Krishna Prasad Davarasingi 10 . Dr. S.K. Lanjhiyana 11 . Dr. Sweety Lanjhiyana 12 . Mr. Kuldip Kumar savita
TITLE OF INVENTION	DEVELOPING AND EVALUATING POLYHERBAL FORMULATION FOR METABOLIC DISORDER
FIELD OF INVENTION	FOOD
E-MAIL (As Per Record)	vaagaiip@gmail.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	30/09/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination

[View Documents](#)

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

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<shttp://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

[Skip to Main Content](#)



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



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

Patent Search

Invention Title	DEVELOP AI BASED MONITORING SYSTEM FOR STUDENT'S ATTENDANCE AND TEACHER'S FEEDBACK FOR DISTANCE EDUCATION INSTITUTIONS
Publication Number	41/2022
Publication Date	14/10/2022
Publication Type	INA
Application Number	202241054376
Application Filing Date	22/09/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	COMPUTER SCIENCE
Classification (IPC)	G06Q0050200000, G06N0020000000, G09B0007020000, G09B0007000000, G09B0005060000

Inventor

Name	Address	Country	Nationality
Rajesh.E	Assistant Professor in Special Education, School of Behavioural Sciences, Mahatma Gandhi University Priyadarsini Hills P.O, Kottayam, Kerala	India	India
Ms. Sheetal Suresh Rajapurkar	Assistant Professor, Dr Vishwanath Karad MIT World Peace University, Pune, Maharashtra	India	India
Dr. Umesh Pradip Moharil	Associate Professor in Physics, Department of Engineering Sciences, Marathwada Mitra Mandal's Institute of Technology, Vadgaon Shinde Road, Lohgaon, Pune, Maharashtra	India	India
Dr Pooja Sehgal	(HOD, PGDM), IMS Noida, Sector 62, Noida, Uttar Pradesh	India	India
Mr. Prabhat Kumar	Assistant Professor, Applied Science (Mathematics), Mangalmay Institute of Engineering and Technology, Greater Noida, Uttar Pradesh	India	India
Dr. Sumit Kumar Kapoor	HOD (Associate Professor), Department of Computer Science, Disha Group of Institutions, Dhampur, Uttar Pradesh	India	India
Dr. Sarika Agarwal	Post-Doctoral Fellow (Under PDF of ICSSR), Department of Management Studies (School of Studies in Management and Commerce, Guru Ghasidas Vishwavidyalaya (A Central University), Koni, Bilaspur (CG)	India	India
Dr. Mukesh Agarwal	Assistant Professor, Department of Commerce (School of Studies in Management and Commerce, Guru Ghasidas Vishwavidyalaya (A Central University), Koni, Bilaspur (CG)	India	India

Applicant

Name	Address	Country	Nationality
Rajesh.E	Assistant Professor in Special Education, School of Behavioural Sciences, Mahatma Gandhi University Priyadarsini Hills P.O, Kottayam, Kerala	India	India
Ms. Sheetal Suresh Rajapurkar	Assistant Professor, Dr Vishwanath Karad MIT World Peace University, Pune, Maharashtra	India	India
Dr. Umesh Pradip Moharil	Associate Professor in Physics, Department of Engineering Sciences, Marathwada Mitra Mandal's Institute of Technology, Vadgaon Shinde Road, Lohgaon, Pune, Maharashtra	India	India
Dr Pooja Sehgal	(HOD, PGDM), IMS Noida, Sector 62, Noida, Uttar Pradesh	India	India
Mr. Prabhat Kumar	Assistant Professor, Applied Science (Mathematics), Mangalmay Institute of Engineering and Technology, Greater Noida, Uttar Pradesh	India	India
Dr. Sumit Kumar Kapoor	HOD (Associate Professor), Department of Computer Science, Disha Group of Institutions, Dhampur, Uttar Pradesh	India	India
Dr. Sarika Agarwal	Post-Doctoral Fellow (Under PDF of ICSSR), Department of Management Studies (School of Studies in Management and Commerce, Guru Ghasidas Vishwavidyalaya (A Central University), Koni, Bilaspur (CG)	India	India
Dr. Mukesh Agarwal	Assistant Professor, Department of Commerce (School of Studies in Management and Commerce, Guru Ghasidas Vishwavidyalaya (A Central University), Koni, Bilaspur (CG)	India	India

Abstract:

ABSTRACT DEVELOP AI BASED MONITORING SYSTEM FOR STUDENT'S ATTENDANCE AND TEACHER'S FEEDBACK FOR DISTANCE EDUCATION INSTITUTIONS The present disclosure relates to a monitoring system for student's attendance and teacher's feedback for distance education based on artificial intelligence. This study's main goal is to demonstrate how timely, accurate feedback, followed by qualitative assessment, improves students' learning in a higher education setting. In light of the growing popularity of online learning, particularly in light of the COVID-19 epidemic, the function of evaluation and feedback has also evolved. Earlier, the assessment component was not seen to be the primary emphasis of learning and teaching at distance education institutions, but it is now apparent that the paradigm is shifting toward measuring those student actions that improve their learning outcomes as online education becomes more prevalent. The development of assessment methods and tactics that can aid in teaching and learning has been the subject of extensive research. This study's main contribution aims to summarise the most popular machine learning and artificial intelligence algorithms for student performance. Additionally, the findings of the comparative analysis study will aid educators, instructors, and administrators in developing less stressful, more valid, reliable, and constructive findings and connecting the power of feedback to improve learning outcomes.

Complete Specification

Description:DEVELOP AI BASED MONITORING SYSTEM FOR STUDENT'S ATTENDANCE AND TEACHER'S FEEDBACK FOR DISTANCE EDUCATION INSTITUTIONS

TECHNICAL FIELD

The present disclosure relates to a monitoring system. In particular the present disclosure relates a system based on AI for student's attendance and teacher's feedback for distance education institutions.

BACKGROUND

[0001] Background description includes information that may be useful in understanding the present invention. It is not an admission that any of the information provided herein is prior art or relevant to the presently claimed invention, or that any publication specifically or implicitly referenced is prior art.

[0002] Artificial intelligence makes an effort to replicate human natural intellect in robots. AI systems have the capacity to learn from past actions or results and base future decisions on them. Applications of AI are expanding across every industry, including agriculture, business, healthcare, and education. The replication of human intelligence functions by machines, particularly computer systems, is known as artificial intelligence. Expert systems, natural language processing, speech recognition, and machine vision are some examples of specific AI applications. Vendors have been rushing to showcase how their goods and services use AI as the hoopla surrounding AI has grown. Frequently, what they mean by AI is just one element of AI, like machine learning. For the creation and training of machine learning algorithms, AI requires a foundation of specialised hardware and software

[View Application Status](#)



Terms & conditions (<http://ipindia.gov.in/terms-conditions.htm>) Privacy Policy (<http://ipindia.gov.in/privacy-policy.htm>) Copyright (<http://ipindia.gov.in/copyright.htm>)
Hyperlinking Policy (<http://ipindia.gov.in/hyperlinking-policy.htm>) Accessibility (<http://ipindia.gov.in/accessibility.htm>) Archive (<http://ipindia.gov.in/archive.htm>)
Contact Us (<http://ipindia.gov.in/contact-us.htm>) Help (<http://ipindia.gov.in/help.htm>)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019



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>)

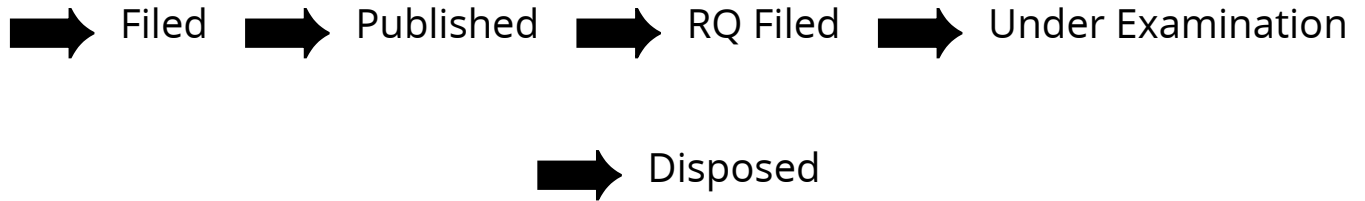
Application Details

APPLICATION NUMBER	202241054376
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	22/09/2022
APPLICANT NAME	1 . Rajesh.E 2 . Ms. Sheetal Suresh Rajapurkar 3 . Dr. Umesh Pradip Moharil 4 . Dr Pooja Sehgal 5 . Mr. Prabhat Kumar 6 . Dr. Sumit Kumar Kapoor 7 . Dr. Sarika Agarwal 8 . Dr. Mukesh Agarwal
TITLE OF INVENTION	DEVELOP AI BASED MONITORING SYSTEM FOR STUDENT'S ATTENDANCE AND TEACHER'S FEEDBACK FOR DISTANCE EDUCATION INSTITUTIONS
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	senanipindia@gmail.com
ADDITIONAL-EMAIL (As Per Record)	admin@senanip.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	14/10/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination

[View Documents](#)

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

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<http://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

[Skip to Main Content](#)



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



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

Patent Search

Invention Title	REDESIGNING ROBOTICS BASED FRAUD DETECTION AND DUPLICACY TRACKING FOR AADHAR CARD AND PAN CARD		
Publication Number	41/2022		
Publication Date	14/10/2022		
Publication Type	INA		
Application Number	202241054377		
Application Filing Date	22/09/2022		
Priority Number			
Priority Country			
Priority Date			
Field Of Invention	COMPUTER SCIENCE		
Classification (IPC)	G06Q0020380000, G06Q0050260000, G06Q0010100000, G06Q0020400000, G06Q0020360000		
Inventor			
Name	Address	Country	Nationality
Dr. R. SIVARAMAN	Associate Professor, Department of Mathematics, Dwaraka Doss Goverdhan Doss Vaishnav College, Arumbakkam, Chennai, Tamil Nadu, India	India	India
Dr. R. SENGOTHAI	Mathematics Educator and Consultant, Pie Mathematics Association, Chennai, Tamil Nadu, India	India	India
J. SUGANTHI	Assistant Professor and Head, Department of Mathematics, SSKV College of Arts and Science for Women, Kanchipuram, Tamil Nadu, India	India	India
P.N. VIJAYAKUMAR	B.T. Assistant in Mathematics , Gopalapuram Boys Higher Secondary School, Chennai, Tamil Nadu, India	India	India
Dr. Preeti Singh	Head, School of Commerce, Devi Ahilya Vishwavidhyalaya, (DAVV), Indore, (M.P.), India	India	India
Ms. Kavita Jain	Assistant Professor, Commerce & Management, Government Adarsh College, Harda, (M.P.), India	India	India
Dr. Sarika Agarwal	Post-Doctoral Fellow (Under PDF of ICSSR), Department of Management Studies (School of Studies in Management and Commerce, Guru Ghasidas Vishwavidyalaya (A Central University), Koni, Bilaspur (CG), India	India	India
Dr. Mukesh Agarwal	Assistant Professor, Department of Commerce (School of Studies in Management and Commerce, Guru Ghasidas Vishwavidyalaya (A Central University), Koni, Bilaspur (CG), India	India	India
Applicant			
Name	Address	Country	Nationality
Dr. R. SIVARAMAN	Associate Professor, Department of Mathematics, Dwaraka Doss Goverdhan Doss Vaishnav College, Arumbakkam, Chennai, Tamil Nadu, India	India	India
Dr. R. SENGOTHAI	Mathematics Educator and Consultant, Pie Mathematics Association, Chennai, Tamil Nadu, India	India	India
J. SUGANTHI	Assistant Professor and Head, Department of Mathematics, SSKV College of Arts and Science for Women, Kanchipuram, Tamil Nadu, India	India	India
P.N. VIJAYAKUMAR	B.T. Assistant in Mathematics , Gopalapuram Boys Higher Secondary School, Chennai, Tamil Nadu, India	India	India
Dr. Preeti Singh	Head, School of Commerce, Devi Ahilya Vishwavidhyalaya, (DAVV), Indore, (M.P.), India	India	India
Ms. Kavita Jain	Assistant Professor, Commerce & Management, Government Adarsh College, Harda, (M.P.), India	India	India
Dr. Sarika Agarwal	Post-Doctoral Fellow (Under PDF of ICSSR), Department of Management Studies (School of Studies in Management and Commerce, Guru Ghasidas Vishwavidyalaya (A Central University), Koni, Bilaspur (CG), India	India	India
Dr. Mukesh Agarwal	Assistant Professor, Department of Commerce (School of Studies in Management and Commerce, Guru Ghasidas Vishwavidyalaya (A Central University), Koni, Bilaspur (CG), India	India	India

Abstract:

ABSTRACT REDESIGNING ROBOTICS BASED FRAUD DETECTION AND DUPLICACY TRACKING FOR AADHAR CARD AND PAN CARD The present disclosure relates to fraud detection and tracking system for aadhar card and pan card. A Permanent Account Number is used primarily to track and identify each financial transaction that a person makes. A PAN's primary responsibility is to make sure that every citizen fulfils their tax-paying obligation. An Aadhaar Card is a unique identifying number (UID) that was issued by the Unique Identification Authority of India, a central government body that works in India (UIDAI). The present disclosure discloses how data is entered into the detection system and suspected records are checked by the data is identified by the fraud management platform which is further viewed and reported by the visualization layer in the system. Robotics automation layer performs certain automated action against the suspicion detected and the data is stored in a storage module. The present disclosure covers a wide range of enrollment frauds that have been noticed in the past and in the present. It covers the introduction of a foolproof fraud control system into the existing Aadhar system as a means of eradicating such scams. It also covers the use of robotics in the search for such enrollment frauds..

Complete Specification

Description:REDESIGNING ROBOTICS BASED FRAUD DETECTION AND DUPLICACY TRACKING FOR AADHAR CARD AND PAN CARD
TECHNICAL FIELD

[0001] The present disclosure relates to fraud detection and duplicacy tracking system. In particular the present disclosure relates to robotics based fraud detection and duplicacy tracking system for aadhar card and pan card.

BACKGROUND

[0002] Background description includes information that may be useful in understanding the present invention. It is not an admission that any of the information provided herein is prior art or relevant to the presently claimed invention, or that any publication specifically or implicitly referenced is prior art.

[0003] Information is a commodity in a democracy in which we live. In India, 0.44 billion of the country's 1.37 billion residents have a Permanent Account Number (PAN). The majority of us are ignorant of the risk that information sharing poses, though. Misuse of PAN cards is becoming a problem. India Spend reported that the year 2018 had the most PAN card scams. Criminals and hackers are constantly searching for data or weaknesses that might be used against them. There have been numerous instances where such information has been exploited to carry out fraud. Government restrictions that link aadhaar numbers to bank accounts and PAN cards make it simple for criminals to access all necessary information in one location.

[0004] When making a reservation for a Tatkal train, you must mention your PAN number or aadhar number. On the prepared charts with traveller details that are presented at the railway station, the same information is shown with your name. These facts are available to anyone, who may use them for illicit purposes. PAN card and aadhar are

[View Application Status](#)



Terms & conditions (<http://ipindia.gov.in/terms-conditions.htm>) Privacy Policy (<http://ipindia.gov.in/privacy-policy.htm>) Copyright (<http://ipindia.gov.in/copyright.htm>)
Hyperlinking Policy (<http://ipindia.gov.in/hyperlinking-policy.htm>) Accessibility (<http://ipindia.gov.in/accessibility.htm>) Archive (<http://ipindia.gov.in/archive.htm>)
Contact Us (<http://ipindia.gov.in/contact-us.htm>) Help (<http://ipindia.gov.in/help.htm>)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019



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>)



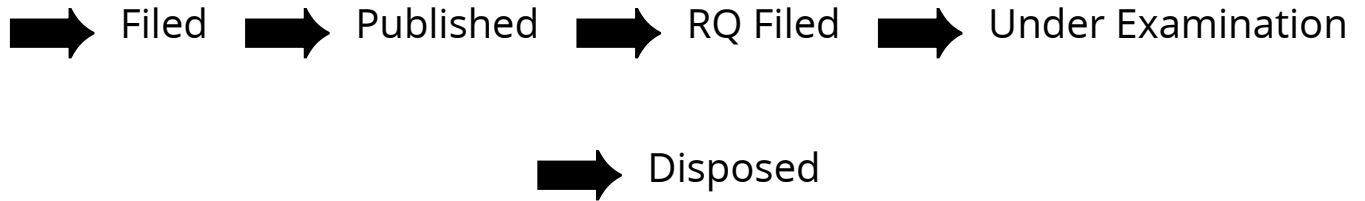
(<http://ipindia.nic.in/index.htm>)

Application Details

APPLICATION NUMBER	202241054377
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	22/09/2022
APPLICANT NAME	1 . Dr. R. SIVARAMAN 2 . Dr. R. SENGOTHAJ 3 . J. SUGANTHI 4 . P.N. VIJAYAKUMAR 5 . Dr. Preeti Singh 6 . Ms. Kavita Jain 7 . Dr. Sarika Agarwal 8 . Dr. Mukesh Agarwal
TITLE OF INVENTION	REDESIGNING ROBOTICS BASED FRAUD DETECTION AND DUPLICACY TRACKING FOR AADHAR CARD AND PAN CARD
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	senanipindia@gmail.com
ADDITIONAL-EMAIL (As Per Record)	admin@senanip.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	14/10/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination[View Documents](#)

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

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<shhttp://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

[Skip to Main Content](#)



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



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

Patent Search

Invention Title	IMPROVED STABILITY AND EFFICIENCY OF ORGANIC TANDEM SOLAR CELLS WITH LOW-LOSS INTERCONNECTING LAYERS		
Publication Number	38/2022		
Publication Date	23/09/2022		
Publication Type	INA		
Application Number	202241053333		
Application Filing Date	19/09/2022		
Priority Number			
Priority Country			
Priority Date			
Field Of Invention	ELECTRONICS		
Classification (IPC)	H01L0051000000, H01L0051420000, C08G0061120000, C07F0007240000, H01L0027300000		
Inventor			
Name	Address	Country	Nationality
Dr. Santosh Kumar Verma	Associate Professor School of Chemistry and Chemical Engineering, Yulin University, Yulin 719000, Shaanxi, P. R. China (Financial support of this work by Phd Research Startup Foundation of Yulin University Grant. (No. 20GK04 and 20GK05)	India	India
Dr. Rameshwari Verma	Associate Professor School of Chemistry and Chemical Engineering, Yulin University, Yulin 719000, Shaanxi, P. R. China	India	India
Dr. Piyush Kumar Thakur	Assistant Professor Faculty of Science, The ICFAI University, Raipur, Chhattisgarh 492001 India.	India	India
Mr. Kamal	Senior Research Fellow Department of Chemistry, Indian Institute of Technology, Jammu, 181221, India	India	India
Dr. Fan Xue	Lecturer School of Chemistry and Chemical Engineering, Yulin University, Yulin 719000, Shaanxi, P. R. China	China	China
Prof. Long Yan	Professor School of Chemistry and Chemical Engineering, Yulin University, Yulin 719000, Shaanxi, P. R. China	China	China
Dr. Kadalipura P. Rakesh	School of Materials Science and Engineering, Gwangju Institute of Science and Technology, Gwangju, 61005, Republic of Korea	India	India
Mr. Lokesh Kumar Verma	M. Tech. Student Department of mechanical engineering Indian Institute of Technology, Guwahati, Guwahati-781039, Assam	India	India
Dr. Nikita Kashyap	Assistant Professor, Department of Electronics & Communication Engineering School of Studies in Engineering & Technology, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	India	India
Mr. Akhilesh Pratap Mishra	Maa Pateshwari Group of Institutions, Paraspur Kamda Tulsipur Sirsiya Road, Balrampur Pin code 271208, India	India	India
Mr. Mukesh Thakur	Asst. Professor, Tetri Chandravanshi Pharmacy College, Bishrampur, Palamu - 822132 Jharkhand, India	India	India
Applicant			

Name	Address	Country	Nationality
Dr. Santosh Kumar Verma	Associate Professor School of Chemistry and Chemical Engineering, Yulin University, Yulin 719000, Shaanxi, P. R. China (Financial support of this work by Phd Research Startup Foundation of Yulin University Grant. (No. 20GK04 and 20GK05)	China	India
Dr. Rameshwari Verma	Associate Professor School of Chemistry and Chemical Engineering, Yulin University, Yulin 719000, Shaanxi, P. R. China	China	India
Dr. Piyush Kumar Thakur	Assistant Professor Faculty of Science, The ICFAI University, Raipur, Chhattisgarh 492001 India.	India	India
Mr. Kamal	Senior Research Fellow Department of Chemistry, Indian Institute of Technology, Jammu, 181221, India	India	India
Dr. Fan Xue	Lecturer School of Chemistry and Chemical Engineering, Yulin University, Yulin 719000, Shaanxi, P. R. China	China	China
Prof. Long Yan	Professor School of Chemistry and Chemical Engineering, Yulin University, Yulin 719000, Shaanxi, P. R. China	China	China
Dr. Kadalipura P. Rakesh	School of Materials Science and Engineering, Gwangju Institute of Science and Technology, Gwangju, 61005, Republic of Korea	Republic of Korea	India
Mr. Lokesh Kumar Verma	M. Tech. Student Department of mechanical engineering Indian Institute of Technology, Guwahati, Guwahati-781039, Assam	India	India
Dr. Nikita Kashyap	Assistant Professor, Department of Electronics & Communication Engineering School of Studies in Engineering & Technology, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)	India	India
Mr. Akhilesh Pratap Mishra	Maa Pateshwari Group of Institutions, Paraspur Kamda Tulsipur Sirsiya Road, Balrampur Pin code 271208, India	India	India
Mr. Mukesh Thakur	Asst. Professor, Tetri Chandravanshi Pharmacy College, Bishrampur, Palamu - 822132 Jharkhand, India	India	India

Abstract:

ABSTRACT IMPROVED STABILITY AND EFFICIENCY OF ORGANIC TANDEM SOLAR CELLS WITH LOW-LOSS INTERCONNECTING LAYERS Perovskite solar cells (PSCs) and organic photovoltaics (OPVs) have both undergone rapid development recently. The composition and molecular tunability of perovskite and organic semiconductors enable a large material pool with different band gaps and various physical characters, giving feasibility to construct perovskite/organic tandem solar cells (TSCs). Here, we developed a semi-empirical model, rationally selected the best available material combination, and successfully demonstrated the efficient and reproducible TSCs benefiting from their complementary band gaps and orthogonal processing solvents. Featuring with all-thermally evaporated low-loss interconnecting layers (ICLs), our 2-terminal (2T) monolithic perovskite/organic TSCs deliver high reproducibility with power conversion efficiency (PCE) narrowly distributed between 20% and 20.6% (certified as 19.54%). In addition to the promising efficiency, the UV sensitivity of OPVs is eliminated in the tandem structure, demonstrating its advantage on device stability. Those results unfold significant potentials of perovskite/organic tandem devices as reproducible and cost-effective structures to achieve high-performance TSCs.

Complete Specification

Description:IMPROVED STABILITY AND EFFICIENCY OF ORGANIC TANDEM SOLAR CELLS WITH LOW-LOSS INTERCONNECTING LAYERS

BACKGROUND**Technical Field**

[0001] The embodiments herein generally relate to a method for improved stability and efficiency of organic tandem solar cells with low-loss interconnecting layers.

Description of the Related Art

[0002] It is well known that perovskite solar cells (PSCs) and organic photovoltaics (OPVs) have many common advantages, such as low cost, simple preparation process, and the ability to prepare translucent photovoltaic devices, which have been receiving great attentions over the years.^{1,2} The all-perovskite or all-organic tandem solar cell (TSC) is considered as an effective way to overcome the thermalization loss and surpass the Shockley-Queisser (SQ) limit. All-perovskite 2T tandem cells have gradually developed from 17.0% power conversion efficiency (PCE) to 24.8% in the last few years, and all-organic 2T tandem cells have reached 17.3% PCE recently. However, they need the solvents of similar polarities to process the front and back cells, which elevates the barrier to realize high-performance tandems reproducibly.¹⁷ To fabricate perovskite tandem photovoltaics, it normally requires thick, compact, and high-quality interconnecting layers (ICLs) to protect the front cells by sputtering thick Indium-tin-oxide (ITO) layers or atomically depositing compact TiO₂ (or SnO₂) layers, which will further increase the fabrication costs, optical losses, and processing difficulties. Thanks to the orthogonal solvents used for dissolving perovskite and organic materials, it is naturally less challenging to construct perovskite/organic tandem cells. In addition, the recent rapid development of low-band-gap organic semiconductors provides various excellent candidates as the back cells, whose photovoltaic performances are catching up with the Pb-Sn mixed low-band-gap PSCs. So far, perovskite/organic tandem structures have been applied in regular, flexible, and semi-transparent solar cells, yet the PCEs of previous

[View Application Status](#)



Terms & conditions (<http://ipindia.gov.in/terms-conditions.htm>) Privacy Policy (<http://ipindia.gov.in/privacy-policy.htm>) Copyright (<http://ipindia.gov.in/copyright.htm>)

Hyperlinking Policy (<http://ipindia.gov.in/hyperlinking-policy.htm>) Accessibility (<http://ipindia.gov.in/accessibility.htm>) Archive (<http://ipindia.gov.in/archive.htm>)

Contact Us (<http://ipindia.gov.in/contact-us.htm>) Help (<http://ipindia.gov.in/help.htm>)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019



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>)

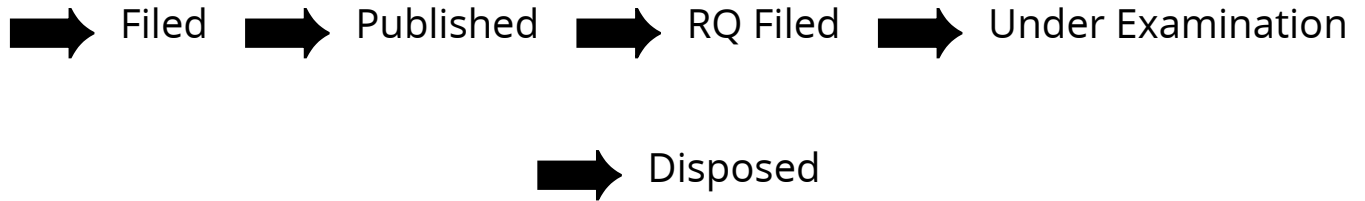
Application Details

APPLICATION NUMBER	202241053333
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	19/09/2022
APPLICANT NAME	1 . Dr. Santosh Kumar Verma 2 . Dr. Rameshwari Verma 3 . Dr. Piyush Kumar Thakur 4 . Mr. Kamal 5 . Dr. Fan Xue 6 . Prof. Long Yan 7 . Dr. Kadalipura P. Rakesh 8 . Mr. Lokesh Kumar Verma 9 . Dr. Nikita Kashyap 10 . Mr. Akhilesh Pratap Mishra 11 . Mr. Mukesh Thakur
TITLE OF INVENTION	IMPROVED STABILITY AND EFFICIENCY OF ORGANIC TANDEM SOLAR CELLS WITH LOW-LOSS INTERCONNECTING LAYERS
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	vaagaiip@gmail.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	23/09/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination

[View Documents](#)

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

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<http://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

[Skip to Main Content](#)



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



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

Patent Search

Invention Title	OPTIMIZATION AND CHARACTERIZATION OF POLYMERS FOR CARBINOXAMINE MALEATE		
Publication Number	38/2022		
Publication Date	23/09/2022		
Publication Type	INA		
Application Number	202241052467		
Application Filing Date	14/09/2022		
Priority Number			
Priority Country			
Priority Date			
Field Of Invention	CHEMICAL		
Classification (IPC)	A61K0031573000, C09J0011080000, A61K0031192000, C12P0019040000, B01F0001000000		
Inventor			
Name	Address	Country	Nationality
Mr. Kameswara Rao Sankula	Assistant professor, Department of Pharmaceutics, Nirmala College of Pharmacy, Atmakur village, Mangalagiri Mandal, Guntur district, Andhra Pradesh- 522503, India	India	India
Dr. Rahul Shivajirao Solunke	HOD & Associate Professor, Department of Pharmaceutics, Maharashtra College of Pharmacy, Main Road, Nilanga, Tal: Nilanga, Latur-413521, Maharashtra, India	India	India
Ms. Prashanti Chitrapu	Assistant professor, Vision college of Pharmaceutical sciences and research, RNS Colony, Boduppal, Secunderabad, Telangana 500092, India	India	India
Ms. Vijayananda Kishanrao Khadkutkar	Assistant Professor Department of Pharmaceutics, Channabasweshwar Pharmacy College (Degree) Latur 413512, India	India	India
Dr. Kamal Singh Rathore	Associate Professor, Bhupal Nobles' College of Pharmacy, Udaipur-Rajasthan 313001	India	India
Mr. Rajat Pawar	Assistant Professor, Department of Pharmaceutics, Swami Vivekanand college of Pharmacy, Indore-452002, M.P, India	India	India
Mr. Nasheer Shadullasab Shaikh	Assistant Professor Department of Pharmaceutics, Channabasweshwar Pharmacy College (Degree) Latur 413512, India	India	India
Mr. Moein Sharfodin Attar	Assistant Professor Department of Pharmaceutical Chemistry Channabaseweshwar Pharmacy College (Degree), Latur 413512 Maharashtra, India	India	India
Dr. Sonali Vinod Uppalwar	Associate Professor Anand College of pharmacy, Sharda group of Institutions, Agra- Delhi Highway NH2, District- Agra, Keetham, Arsen, Utter Pradesh.282007	India	India
Dr. S.K. Lanjhiyana	Asst. Professor, SLT Institute of Pharmaceutical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, 495009, Chhattisgarh, India	India	India
Dr. Sweety Lanjhiyana	Professor, School of Pharmacy, Chouksey Engineering College, Bilaspur 495001, Chhattisgarh, India	India	India
Dr. Keshamma E	Associate Professor, Dept of Biochemistry, Maharani Cluster University, Palace Road, Bangalore-560001, Karnataka, India	India	India
Applicant			

Name	Address	Country	Nationality
Mr. Kameswara Rao Sankula	Assistant professor, Department of Pharmaceutics, Nirmala College of Pharmacy, Atmakur village, Mangalagiri Mandal, Guntur district, Andhra Pradesh- 522503, India	India	India
Dr. Rahul Shivajirao Solunke	HOD & Associate Professor, Department of Pharmaceutics, Maharashtra College of Pharmacy, Main Road, Nilanga, Tal: Nilanga, Latur-413521, Maharashtra, India	India	India
Ms. Prashanti Chitrapu	Assistant professor, Vision college of Pharmaceutical sciences and research, RNS Colony, Boduppal, Secunderabad, Telangana 500092, India	India	India
Ms. Vijayananda Kishanrao Khadkutkar	Assistant Professor Department of Pharmaceutics, Channabasweshwar Pharmacy College (Degree) Latur 413512, India	India	India
Dr. Kamal Singh Rathore	Associate Professor, Bhupal Nobles' College of Pharmacy, Udaipur-Rajasthan 313001	India	India
Mr. Rajat Pawar	Assistant Professor, Department of Pharmaceutics, Swami Vivekanand college of Pharmacy, Indore-452002, M.P, India	India	India
Mr. Nasheer Shadullasab Shaikh	Assistant Professor Department of Pharmaceutics, Channabasweshwar Pharmacy College (Degree) Latur 413512, India	India	India
Mr. Moein Sharfodin Attar	Assistant Professor Department of Pharmaceutical Chemistry Channabaseweshwar Pharmacy College (Degree), Latur 413512 Maharashtra, India	India	India
Dr. Sonali Vinod Uppalwar	Associate Professor Anand College of pharmacy, Sharda group of Institutions, Agra- Delhi Highway NH2, District- Agra, Keetham, Arsen, Utter Pradesh.282007	India	India
Dr. S.K. Lanjhiyana	Asst. Professor, SLT Institute of Pharmaceutical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, 495009, Chhattisgarh, India	India	India
Dr. Sweety Lanjhiyana	Professor, School of Pharmacy, Chouksey Engineering College, Bilaspur 495001, Chhattisgarh, India	India	India
Dr. Keshamma E	Associate Professor, Dept of Biochemistry, Maharani Cluster University, Palace Road, Bangalore-560001, Karnataka, India	India	India

Abstract:

OPTIMIZATION AND CHARACTERIZATION OF POLYMERS FOR CARBINOXAMINE MALEATE A method for optimization and characterization of polymers for carbinoxamine maleate. The method comprises melting point of the drug was determined by melting point apparatus and dissolving a carbinoxamine maleate in minimum amount of water. The polymer solution was prepared by dispersing Gellan gum in distilled water and heating upto 90 °C for 20 min, followed by cooling at room temperature. Adding the drug solution to the polymer solution under constant stirring to obtain a uniform solution. FIG.1

Complete Specification

Description:OPTIMIZATION AND CHARACTERIZATION OF POLYMERS FOR CARBINOXAMINE MALEATE

BACKGROUND

Technical Field

[0001] The embodiments herein generally relate to a method for optimization and characterization of polymers for carbinoxamine maleate.

Description of the Related Art

[0002] Controlled drug delivery to the eye remains a challenging task due to normal ocular protective mechanisms such as blinking and tear drainage that promote rapid clearance and reduced bioavailability resulting in a short duration of pharmacological response. Most ocular treatments call for the topical administration of ophthalmically active drugs [1]. But the unique anatomy, physiology and biochemistry of this organ renders it impervious to foreign substances and hence a significant challenge to the formulator is to circumvent the protective barriers of the eye without causing permanent tissue damage [2]. Ocular therapy would be significantly improved if the precorneal residence time could be increased which is later achieved by the introduction of dosage forms such as ointments, inserts, collagen shields, liposomes and particulate drug delivery systems. However, these preparations, in spite of certain advantages, faces limitations such as blurred vision, poor patient compliance, difficulty of insertion, loss of device, instability, complex manufacturing methods etc. Hence from the point of view of patient acceptability, a liquid dosage form that can be instilled into the eye as a solution and gels on exposure to the physiological conditions of eye is preferable; thus increasing the pre-corneal residence time of the delivery system and enhancing ocular bioavailability.

SUMMARY

[View Application Status](#)



राष्ट्रीय मतदाता सेवा पोर्टल
NATIONAL VOTERS' SERVICES PORTAL

Terms & conditions (<http://ipindia.gov.in/terms-conditions.htm>) Privacy Policy (<http://ipindia.gov.in/privacy-policy.htm>) Copyright (<http://ipindia.gov.in/copyright.htm>)

Hyperlinking Policy (<http://ipindia.gov.in/hyperlinking-policy.htm>) Accessibility (<http://ipindia.gov.in/accessibility.htm>) Archive (<http://ipindia.gov.in/archive.htm>)

Contact Us (<http://ipindia.gov.in/contact-us.htm>) Help (<http://ipindia.gov.in/help.htm>)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019



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

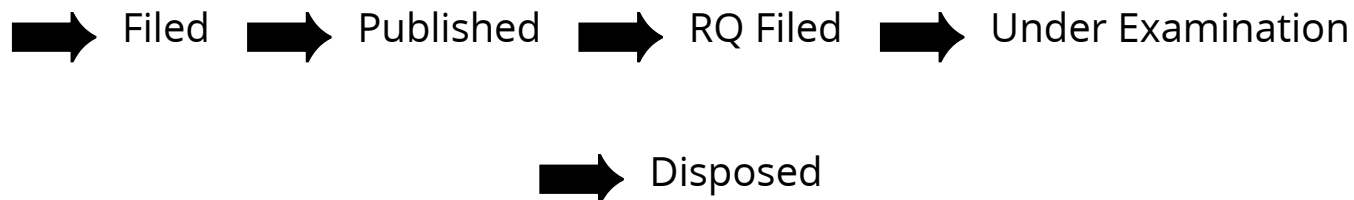
APPLICATION NUMBER	202241052467
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	14/09/2022
APPLICANT NAME	1 . Mr. Kameswara Rao Sankula 2 . Dr. Rahul Shivajirao Solunke 3 . Ms. Prashanti Chitrapu 4 . Ms. Vijayananda Kishanrao Khadkutkar 5 . Dr. Kamal Singh Rathore 6 . Mr. Rajat Pawar 7 . Mr. Nasheer Shadullasab Shaikh 8 . Mr. Moein Sharfodin Attar 9 . Dr. Sonali Vinod Uppalwar 10 . Dr. S.K. Lanjhiyana 11 . Dr. Sweety Lanjhiyana 12 . Dr. Keshamma E
TITLE OF INVENTION	OPTIMIZATION AND CHARACTERIZATION OF POLYMERS FOR CARBINOXAMINE MALEATE
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	vaagaiip@gmail.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	23/09/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination

[View Documents](#)



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

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<http://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

[Skip to Main Content](#)



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



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

Patent Search

Invention Title	DEVELOPMENT OF NANO PARTICLE FORMULATION USING METHANOLIC EXTRACT OF WRIGHTIA TINCTORIA FOR ANTI-MICROBIAL THERAPY		
Publication Number	37/2022		
Publication Date	16/09/2022		
Publication Type	INA		
Application Number	202231051950		
Application Filing Date	12/09/2022		
Priority Number			
Priority Country			
Priority Date			
Field Of Invention	CHEMICAL		
Classification (IPC)	B01D0011020000, A61K0009160000, A61K0008970000, A01N0065000000, A61K0036185000		
Inventor			
Name	Address	Country	Nationality
Mr. Ashutosh Meher	Associate Professor The Pharmaceutical College, Tingipali, Barpali, Bargarh Pin- 768029, Odisha, India	India	India
Dr. Kuntal Das	Professor Department of Pharmacognosy and Phytochemistry Krupanidhi College of Pharmacy #12/1, Chikkabelandur, Carmelaram, post. VarthurHobli. Bangalore- 560035	India	India
Dr. Rokeya Sultana	Professor and HOD Department of Pharmacognosy Yenepoya Pharmacy college and Research Centre, Yenepoya deemed to be University, Deralakatte, Mangalore-575018, India	India	India
Dr. Keshamma E	Associate Professor, Dept Of Biochemistry, Maharani Cluster University, Palace Road, Bangalore-560001, Karnataka, India	India	India
Dr. S.K. Lanjhiyana	Asst. Professor, SLT Institute of Pharmaceutical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, 495009, Chhattisgarh, India	India	India
Dr. Sweety Lanjhiyana	Professor, School of Pharmacy, Chouksey Engineering College, Bilaspur 495001, Chhattisgarh, India	India	India
Dr. Rinku Mathappan	Professor & HOD, Department of Pharmacognosy Green city College of Pharmacy Sathnoor, Bagalur Main Rd, Bengaluru- 562149. Karnataka, India	India	India
Mr. Krishan saini	Professor & H.O.D. Department of Pharmacy, Branch-Pharmacology.(sanskriti institute of education and technology, Narnaul , Haryana-123001) & Research scholar (Ph.D)in JJT University, Jhunjhunu , Rajasthan-333001	India	India
Dr. Vijeesh Govindan	Professor and H.O.D, Department of Pharmacognosy KTN college of Pharmacy, Puliyanamkunnu, P.O: Chalavara, Palakkad-679505, Kerala, India	India	India
Ms. Manjusha shandilya	PhD scholar, LNCT University Bhopal 462042, Madhya Pradesh, Bhopal, India	India	India
Ms. Sowmya B A	Assistant Professor, Department of Pharmacology, East West College of Pharmacy #63, Vishwaneedam Post, Bharathnagar, 1st Phase, Anjananagar, Off Magadi Road, Bangalore-91, Karnataka, India	India	India
Mrs. Shabana S	Assistant Professor, East West College of Pharmacy #63, 1st Phase, Bharathnagar, BEL Layout, Vishwaneedam Post, off Magadi Road, Bangalore- 560091, Karnataka, India	India	India
Applicant			

Name	Address	Country	Nationality
Mr. Ashutosh Meher	Associate Professor The Pharmaceutical College, Tingipali, Barpali, Bargarh Pin- 768029, Odisha, India	India	India
Dr. Kuntal Das	Professor Department of Pharmacognosy and Phytochemistry Krupanidhi College of Pharmacy #12/1, Chikkabelandur, Carmelaram, post. VarthurHobli, Bangalore- 560035	India	India
Dr. Rokeya Sultana	Professor and HOD Department of Pharmacognosy Yenepoya Pharmacy college and Research Centre, Yenepoya deemed to be University, Deralakatte, Mangalore-575018, India	India	India
Dr. Keshamma E	Associate Professor, Dept Of Biochemistry, Maharani Cluster University, Palace Road, Bangalore-560001, Karnataka, India	India	India
Dr. S.K. Lanjhiyana	Asst. Professor, SLT Institute of Pharmaceutical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, 495009, Chhattisgarh, India	India	India
Dr. Sweetey Lanjhiyana	Professor, School of Pharmacy, Chouksey Engineering College, Bilaspur 495001, Chhattisgarh, India	India	India
Dr. Rinku Mathappan	Professor & HOD, Department of Pharmacognosy Green city College of Pharmacy Sathnoor, Bagalur Main Rd, Bengaluru- 562149. Karnataka, India	India	India
Mr. Krishan saini	Professor & H.O.D. Department of Pharmacy, Branch-Pharmacology.(sanskriti institute of education and technology, Narnaul , Haryana-123001) & Research scholar (Ph.D)in JJT University, Jhunjhunu , Rajasthan-333001	India	India
Dr. Vijeesh Govindan	Professor and H.O.D, Department of Pharmacognosy KTN college of Pharmacy, Puliyanamkunnu, P.O: Chalavara, Palakkad-679505, Kerala, India	India	India
Ms. Manjusha shandilya	PhD scholar, LNCT University Bhopal 462042, Madhya Pradesh, Bhopal, India	India	India
Ms. Sowmya B A	Assistant Professor, Department of Pharmacology, East West College of Pharmacy #63, Vishwaneedam Post, Bharathnagar, 1st Phase, Anjananagar, Off Magadi Road, Bangalore-91, Karnataka, India	India	India
Mrs. Shabana S	Assistant Professor, East West College of Pharmacy #63, 1st Phase, Bharathnagar, BEL Layout, Vishwaneedam Post, off Magadi Road, Bangalore- 560091, Karnataka, India	India	India

Abstract:

ABSTRACT DEVELOPMENT OF NANO PARTICLE FORMULATION USING METHANOLIC EXTRACT OF WRIGHTIA TINCTORIA FOR ANTI-MICROBIAL THERAPY A method for development of nano particle formulation using methanolic extract of wrightia tinctoria for anti-microbial therapy. The method includes dried plant material was pulverized into fine powder using a grinder and 50 gm of powdered material was extracted in soxhlet extraction apparatus successively with 250 ml. Extracts obtained with each solvent were filtered through Whatman filter and the respected solvents were evaporated (at 40°C) with the help of heating mantle and the sticky greenish brown substances were obtained and stored in refrigerator and were suspended in dimethyl sulphoxide. The extracts of bark of both species were used for the qualitative phytochemical screening for the identification of the various classes of active chemical constituents.

Complete Specification

Description:DEVELOPMENT OF NANO PARTICLE FORMULATION USING METHANOLIC EXTRACT OF WRIGHTIA TINCTORIA FOR ANTI-MICROBIAL THERAPY

BACKGROUND**Technical Field**

[0001] The embodiments herein generally relate to a method for development of nano particle formulation using methanolic extract of wrightia tinctoria for anti-microbial therapy.

Description of the Related Art

[0002] In recent years, multiple drug resistance in human pathogenic microorganisms has been developed due to indiscriminate use of commercial antimicrobial drugs commonly used in the treatment of such diseases. Over the last three centuries, intensive efforts have been made to discover clinically useful antimicrobial drugs 1 3 . Plant extracts have been used for a wide variety of purposes for many thousands of years 4. In particular, the antimicrobial activity of plant extracts has formed the basis of many applications, including raw and processed food preservation, pharmaceuticals, alternative medicine, and natural therapies. Antimicrobials of plant origin are effective in the treatment of infectious diseases while simultaneously mitigating many of the side effects that are often associated with synthetic antimicrobials. Wrightia tinctoria R.Br. and Wrightia arborea (Densst.) Mabb. belong to the family Apocynaceae. They are distributed in all districts of deciduous forest of India 7 W. tinctoria is commonly called as "Indrajav" and locally as Pandhara kuda, while W. arborea is known as Tambda kuda. These species have been important in the traditional healing. However, the former one is widely recognized medicinal plant. The bark of W. tinctoria is considered for antidiarrhoeal, aphrodisiac, anthelmintic, febrifuge, stomachic, toothache, tonic and dog bite 8 10. It is employed in seminal weakness and flatulence. also used in piles and skin diseases. Whereas, a preparation of the bark made from Wrightia arborea is found useful in

[View Application Status](#)



Terms & conditions (<http://ipindia.gov.in/terms-conditions.htm>) Privacy Policy (<http://ipindia.gov.in/privacy-policy.htm>) Copyright (<http://ipindia.gov.in/copyright.htm>)

Hyperlinking Policy (<http://ipindia.gov.in/hyperlinking-policy.htm>) Accessibility (<http://ipindia.gov.in/accessibility.htm>) Archive (<http://ipindia.gov.in/archive.htm>)

Contact Us (<http://ipindia.gov.in/contact-us.htm>) Help (<http://ipindia.gov.in/help.htm>)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019



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>)



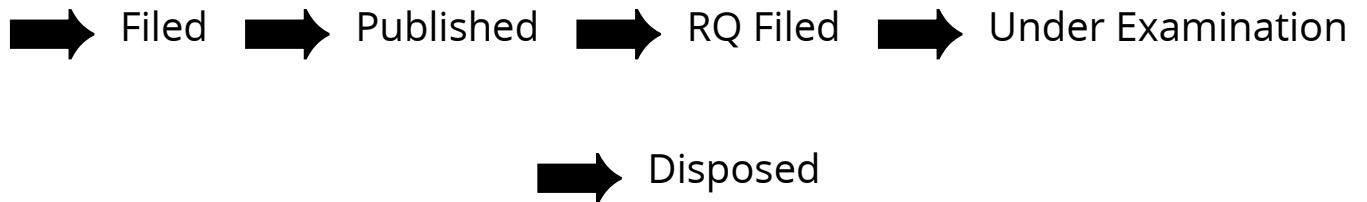
(<http://ipindia.nic.in/index.htm>)

Application Details

APPLICATION NUMBER	202231051950
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	12/09/2022
APPLICANT NAME	1 . Mr. Ashutosh Meher 2 . Dr. Kuntal Das 3 . Dr. Rokeya Sultana 4 . Dr. Keshamma E 5 . Dr. S.K. Lanjhiyana 6 . Dr. Sweety Lanjhiyana 7 . Dr. Rinku Mathappan 8 . Mr. Krishan saini 9 . Dr. Vijeesh Govindan 10 . Ms. Manjusha shandilya 11 . Ms. Sowmya B A 12 . Mrs. Shabana S
TITLE OF INVENTION	DEVELOPMENT OF NANO PARTICLE FORMULATION USING METHANOLIC EXTRACT OF WRIGHTIA TINCTORIA FOR ANTI-MICROBIAL THERAPY
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	vaagaiip@gmail.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	16/09/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination[View Documents](#)

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

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<http://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

[Skip to Main Content](#)



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



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

Patent Search

Invention Title	MACHINE LEARNING BASED APPROACH TO PREDICT THE VARIOUS MYELOSUPPRESSION AGENT THAT CAN BE USED ALONG WITH HYDROXYUREA IN IMPROVING THE CONDITION OF SICKLE CELL ANAEMIA		
Publication Number	43/2022		
Publication Date	28/10/2022		
Publication Type	INA		
Application Number	202221051170		
Application Filing Date	07/09/2022		
Priority Number			
Priority Country			
Priority Date			
Field Of Invention	BIO-MEDICAL ENGINEERING		
Classification (IPC)	A61B0017000000, H01L0023660000, H04W0092120000, B33Y0080000000, A61P0005500000		
Inventor			
Name	Address	Country	Nationality
Dr. KAMTA PRASAD NAMDEO	ASSOCIATE PROFESSOR, DEPARTMENT OF PHARMACY, GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR - 495009, CHHATTISGARH, INDIA	India	India
Mrs. DEEPSHIKHA VERMA	PHD. RESEARCH SCHOLAR, DEPARTMENT OF PHARMACY GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR - 495009, CHHATTISGARH, INDIA	India	India
Mr. JHAKESHWAR PRASAD	ASSISTANT PROFESSOR, SHRI SHANKARACHARYA COLLEGE OF PHARMACEUTICAL SCIENCES, JUNWANI, BHILAI - 490020, CHHATTISGARH, INDIA	India	India
PRIYANKA ANIL AHIRE	ASSISTANT PROFESSOR, DIPLOMA IN PHARMACY, BHARATI VIDHYAPEETH'S COLLEGE OF PHARMACY CBD BELAPUR NAVI MUMBAI, 410210	India	India
SAVITA SAMBHAJI PATIL (POL)	ASSISTANT PROFESSOR, DIPLOMA IN PHARMACY, BHARATI VIDHYAPEETH'S COLLEGE OF PHARMACY, CBD BELAPUR NAVI MUMBAI, 400614	India	India
Dr.SHASHIKANT RAMRAO SITRE	ASSISTANT PROFESSOR, DEPARTMENT OF ZOOLOGY, NILKANTHRAO SHINDE SCIENCE AND ARTS COLLEGE, BHADRAWATI DISTRICT CHANDRAPUR M.S.442902	India	India
Dr. NARENDRA V. HARNEY	NILKANTHRAO SHINDE SCIENCE AND ARTS COLLEGE, BHADRAWATI	India	India
Ms. R. MATHIVATHANI	ASSISTANT PROFESSOR , HOD, DEPT OF PEDIATRIC , BILLROTH COLLEGE OF NURSING, CHENNAI 600093	India	India
JADHAV SACHIN DADARAO	SHRI PUNDLIK MAHARAJ MAHAVIDYALAYA NANDURA(RLY) DIST. BULDANA	India	India
SATYABRATA JENA	ASSOCIATE PROFESSOR, BHASKAR PHARMACY COLLEGE, HYDERABAD, TELANGANA-500075	India	India
SUHAS AGEY	ASSISTANT PROFESSOR, DEPARTMENT OF PHARMACOLOGY, SCHOOL OF PHARMACY AND TECHNOLOGY MANAGEMENT, SVKM'S NMIMS UNIVERSITY, SHIRPUR 425405	India	India
AYESHA AFREEN	ASSISTANT PROFESSOR, BHASKAR PHARMACY COLLEGE, MOINABAD, HYDERABAD-500075.	India	India
Applicant			

Name	Address	Country	Nationality
Dr. KAMTA PRASAD NAMDEO	ASSOCIATE PROFESSOR, DEPARTMENT OF PHARMACY, GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR - 495009, CHHATTISGARH, INDIA	India	India
Mrs. DEEPSHIKHA VERMA	PHD. RESEARCH SCHOLAR, DEPARTMENT OF PHARMACY GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR - 495009, CHHATTISGARH, INDIA	India	India
Mr. JHAKESHWAR PRASAD	ASSISTANT PROFESSOR, SHRI SHANKARACHARYA COLLEGE OF PHARMACEUTICAL SCIENCES, JUNWANI, BHILAI - 490020, CHHATTISGARH, INDIA	India	India
PRIYANKA ANIL AHIRE	ASSISTANT PROFESSOR, DIPLOMA IN PHARMACY, BHARATI VIDHYAPEETH'S COLLEGE OF PHARMACY CBD BELAPUR NAVI MUMBAI, 410210	India	India
SAVITA SAMBHAJI PATIL (POL)	ASSISTANT PROFESSOR, DIPLOMA IN PHARMACY, BHARATI VIDHYAPEETH'S COLLEGE OF PHARMACY, CBD BELAPUR NAVI MUMBAI, 400614	India	India
Dr.SHASHIKANT RAMRAO SITRE	ASSISTANT PROFESSOR, DEPARTMENT OF ZOOLOGY, NILKANTHRAO SHINDE SCIENCE AND ARTS COLLEGE, BHADRAWATI DISTRICT CHANDRAPUR M.S.442902	India	India
Dr. NARENDRA V. HARNEY	NILKANTHRAO SHINDE SCIENCE AND ARTS COLLEGE, BHADRAWATI	India	India
Ms. R. MATHIVATHANI	ASSISTANT PROFESSOR , HOD, DEPT OF PEDIATRIC , BILLROTH COLLEGE OF NURSING, CHENNAI 600093	India	India
JADHAV SACHIN DADARAO	SHRI PUNDLIK MAHARAJ MAHAVIDYALAYA NANDURA(RLY) DIST. BULDANA	India	India
SATYABRATA JENA	ASSOCIATE PROFESSOR, BHASKAR PHARMACY COLLEGE, HYDERABAD, TELANGANA-500075	India	India
SUHAS AGEY	ASSISTANT PROFESSOR, DEPARTMENT OF PHARMACOLOGY, SCHOOL OF PHARMACY AND TECHNOLOGY MANAGEMENT, SVKM'S NMIMS UNIVERSITY, SHIRPUR 425405	India	India
AYESHA AFREEN	ASSISTANT PROFESSOR, BHASKAR PHARMACY COLLEGE, MOINABAD, HYDERABAD-500075.	India	India

Abstract:

Machine Learning based approach to Predict the Various Myelosuppression Agent that can be used along with Hydroxyurea in improving the condition of Sickle Cell Anaemia is the proposed invention. The invention aims at understanding the properties of myelosuppression agents along with hydroxyurea. The algorithms of machine learning will predict the efficiency of myelosuppression agents in treating sickle celled anaemia.

Complete Specification**FIELD OF INVENTION**

The present invention relates to the field of machine learning based approach to predict the various myelosuppression agents. The invention focuses on improving the condition of sickle cell anaemia through hydroxyurea

Description:[0001] Background description includes information that may be useful in understanding the present invention. It is not an admission that any of the information provided herein is prior art or relevant to the presently claimed invention, or that any publication specifically or implicitly referenced is prior art.

[0002] Sickle cell anaemia is one of the inherited disorders known as sickle cell disease. It affects the shape of red blood cells, which carry oxygen to all parts of the body. In sickle anaemia, blood is chronically low in oxygen. This lack of oxygen rich blood can damage nerves and organs, including kidneys, liver and spleen and can be fatal.

[0003] A number of different types of anaemia analysis systems that are known in the prior art. For example, the following patents are provided for their supportive teachings and are all incorporated by reference.

[0004] Techniques for the Detection of Sickle Cell Disease: A Review Sickle cell disease (SCD) is a widespread disease caused by a mutation in the beta-globin gene that leads to the production of abnormal haemoglobin called haemoglobin S. The inheritance of the mutation could be homozygous or heterozygous combined with another haemoglobin mutation. SCD can be characterized by the presence of dense, sickled cells that causes haemolysis of blood cells, anaemia, painful episodes, organ damage, and in some cases death. Early detection of SCD can help to reduce the mortality and manage the disease effectively. Therefore, different techniques have been developed to detect the sickle cell disease and the carrier states with high sensitivity and specificity. These techniques can be screening tests such as complete blood count, peripheral blood

[View Application Status](#)



Terms & conditions (<http://ipindia.gov.in/terms-conditions.htm>) Privacy Policy (<http://ipindia.gov.in/privacy-policy.htm>) Copyright (<http://ipindia.gov.in/copyright.htm>)
 Hyperlinking Policy (<http://ipindia.gov.in/hyperlinking-policy.htm>) Accessibility (<http://ipindia.gov.in/accessibility.htm>) Archive (<http://ipindia.gov.in/archive.htm>)
 Contact Us (<http://ipindia.gov.in/contact-us.htm>) Help (<http://ipindia.gov.in/help.htm>)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019



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>)



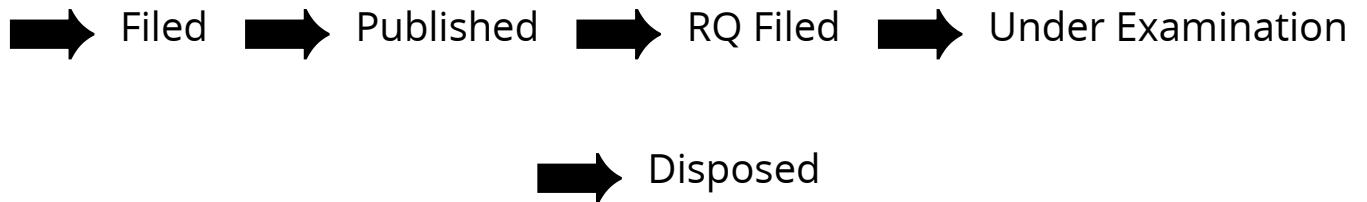
(<http://ipindia.nic.in/index.htm>)

Application Details

APPLICATION NUMBER	202221051170
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	07/09/2022
APPLICANT NAME	1 . Dr. KAMTA PRASAD NAMDEO 2 . Mrs. DEEPSHIKHA VERMA 3 . Mr. JHAKESHWAR PRASAD 4 . PRIYANKA ANIL AHIRE 5 . SAVITA SAMBHAJI PATIL (POL) 6 . Dr.SHASHIKANT RAMRAO SITRE 7 . Dr. NARENDRA V. HARNEY 8 . Ms. R. MATHIVATHANI 9 . JADHAV SACHIN DADARAO 10 . SATYABRATA JENA 11 . SUHAS AGEY 12 . AYESHA AFREEN
TITLE OF INVENTION	MACHINE LEARNING BASED APPROACH TO PREDICT THE VARIOUS MYELOSUPPRESSION AGENT THAT CAN BE USED ALONG WITH HYDROXYUREA IN IMPROVING THE CONDITION OF SICKLE CELL ANAEMIA
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	sgowthami12@gmail.com
ADDITIONAL-EMAIL (As Per Record)	sgowthami12@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	28/10/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination[View Documents](#)

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

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<shttp://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

[Skip to Main Content](#)



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



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

Patent Search

Invention Title	GAMMA RADIATION EFFECTS ON LEAVES AND ROOTS IN MAIZE		
Publication Number	37/2022		
Publication Date	16/09/2022		
Publication Type	INA		
Application Number	202221050938		
Application Filing Date	06/09/2022		
Priority Number			
Priority Country			
Priority Date			
Field Of Invention	BIO-CHEMISTRY		
Classification (IPC)	A61P0007000000, A61P0031120000, A61P0035000000, C07K0016240000, A61B0005145000		
Inventor			
Name	Address	Country	Nationality
Mrs Anubha Pandey	Assistant Professor, J.K. College of Pharmacy Near Gatora railway station Bilaspur (C.G.) 495001	India	India
Mr. Soumitra Tiwari	Assistant Professor Department of Food Processing and Technology, Atal Bihari Vajpayee University, Koni, Bilaspur (C.G.)	India	India
Mr. Harish Gupta	Principal Raigarh college of Education (Pharmacy) address, Raigarh college of Education(Pharmacy),Siyarpali, Raigarh, Chhattisgarh 496001	India	India
Mr.Lokesh Patle	Institute Of Pharmaceutical Science & Research Balaghat Sardar patel University Balaghat Dogariya(M.P.)	India	India
Mr. Patil Nikhil Dilip	Assistant Professor Department of Pharmacognosy Annasaheb Dange College of B.Pharmacy, Ashta, Tal: Walwa. Dist: Sangli-416301 Maharashtra India	India	India
Mr. Ajay Rajaram Mali	Assistant Professor Department of Pharmaceutics Annasaheb Dange College of B.Pharmacy, Ashta, Tal: Walwa. Dist: Sangli-416301 Maharashtra India	India	India
Mr. Ashutosh Meher	Associate Professor The Pharmaceutical College, Tingipali, Barpali, Bargarh Pin- 768029 , Odisha, India	India	India
Ms. Ayesha Mustak Bhajji	Assistant Professor Department of Pharmacology Annasaheb Dange College of B.Pharmacy, Ashta, Tal: Walwa. Dist: Sangli-416301 Maharashtra India	India	India
Prof (Dr) Ranjan Kumar Sahoo	Professor and Director The Pharmaceutical College, Barpali Samaleswari Vihar, Tingipali, Barpali Dist-Bargarh, State- Odis ha, Pin-768029	India	India
Dr. S.K. Lanjhiyana	Asst. Professor, SLT Institute of Pharmaceutical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, 495009, Chhattisgarh, India	India	India
Dr. Sweety Lanjhiyana	Professor, School of Pharmacy, Chouksey Engineering College, Bilaspur 495001, Chhattisgarh, India	India	India
Dr. Rinku Mathappan	Professor & HOD, Department of Pharmacognosy Green city College of Pharmacy Sathnoor, Bagalur Main Rd, Bengaluru-562149. Karnataka	India	India
Applicant			

Name	Address	Country	Nationality
Mrs Anubha Pandey	Assistant Professor, J.K. College of Pharmacy Near Gatora railway station Bilaspur (C.G.) 495001	India	India
Mr. Soumitra Tiwari	Assistant Professor Department of Food Processing and Technology, Atal Bihari Vajpayee University, Koni, Bilaspur (C.G.)	India	India
Mr. Harish Gupta	Principal Raigarh college of Education (Pharmacy) address, Raigarh college of Education(Pharmacy),Siyarpali, Raigarh, Chhattisgarh 496001	India	India
Mr.Lokesh Patle	Institute Of Pharmaceutical Science & Research Balaghat Sardar patel University Balaghat Dogariya(M.P.)	India	India
Mr. Patil Nikhil Dilip	Assistant Professor Department of Pharmacognosy Annasaheb Dange College of B.Pharmacy, Ashta, Tal: Walwa. Dist: Sangli-416301 Maharashtra India	India	India
Mr. Ajay Rajaram Mali	Assistant Professor Department of Pharmaceutics Annasaheb Dange College of B.Pharmacy, Ashta, Tal: Walwa. Dist: Sangli-416301 Maharashtra India	India	India
Mr. Ashutosh Meher	Associate Professor The Pharmaceutical College, Tingipali, Barpali, Bargarh Pin- 768029 , Odisha, India	India	India
Ms. Ayesha Mustak Bhajji	Assistant Professor Department of Pharmacology Annasaheb Dange College of B.Pharmacy, Ashta, Tal: Walwa. Dist: Sangli-416301 Maharashtra India	India	India
Prof (Dr) Ranjan Kumar Sahoo	Professor and Director The Pharmaceutical College, Barpali Samaleswari Vihar, Tingipali, Barpali Dist-Bargarh, State- Odis ha, Pin-768029	India	India
Dr. S.K. Lanjhiyana	Asst. Professor, SLT Institute of Pharmaceutical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, 495009, Chhattisgarh, India	India	India
Dr. Sweety Lanjhiyana	Professor, School of Pharmacy, Chouksey Engineering College, Bilaspur 495001, Chhattisgarh, India	India	India
Dr. Rinku Mathappan	Professor & HOD, Department of Pharmacognosy Green city College of Pharmacy Sathnoor, Bagalur Main Rd, Bengaluru-562149. Karnataka	India	India

Abstract:

ABSTRACT GAMMA RADIATION EFFECTS ON LEAVES AND ROOTS IN MAIZE The effects of gamma radiation are investigated by studying plant germination, growth and development, and biochemical characteristics of maize. Maize dry seeds are exposed to a gamma source at doses ranging from 0.1 to 1 kGy. Our results show that the germination potential, expressed through the final germination percentage and the germination index, as well as the physiological parameters of maize seedlings (root and shoot lengths) decreased by increasing the irradiation dose. Moreover, plants derived from seeds exposed at higher doses (≈ 0.5 kGy) did not survive more than 10 days. Biochemical differences based on photosynthetic pigment (chlorophyll a, chlorophyll b, carotenoids) content revealed an inversely proportional relationship to doses of exposure. Furthermore, the concentration of chlorophyll a was higher than chlorophyll b in both irradiated and non-irradiated seedlings. Electron spin resonance spectroscopy used to evaluate the amount of free radicals induced by gamma ray treatment demonstrates that the relative concentration of radiation-induced free radicals depends linearly on the absorbed doses.

Complete Specification

Description:GAMMA RADIATION EFFECTS ON LEAVES AND ROOTS IN MAIZE

BACKGROUND

Technical Field

[0001] The embodiments herein generally relate to a method for gamma radiation effects on leaves and roots in maize.

Description of the Related Art

[0002] Curly-leafed and turnip-rooted parsley have recently been introduced to Greece as alternative herbs within the programme for crop diversification. Because the response of these subspecies to nitrogen (N) application under the warm climatic conditions of the Mediterranean region is unknown, both were cultivated over three consecutive years in order to evaluate their yield potential and quality (in terms of nitrate content) in relation to nitrogen application in comparison with the traditionally cultivated plain-leafed subspecies. Nitrogen was applied as ammonium nitrate in the form of liquid feeds at rates of 30–450 mg kg⁻¹. Foliage and root yield increased with N application up to a level of 150 mg kg⁻¹ and the nitrate content of the tissues was low. Increasing N application rates to 300 or 450 mg kg⁻¹ did not cause a further increase in yield, but the nitrate content of the tissues increased. In view of health concerns with respect to human nitrate intake and environmental threats posed by excessive N application, it is concluded that the optimum level of ammonium nitrate application under local conditions should be 150 mg kg⁻¹. Overall, all three subspecies responded to N in a similar way in terms of yield and nitrate content.

SI MMARY

[View Application Status](#)



Terms & conditions (<http://ipindia.gov.in/terms-conditions.htm>) Privacy Policy (<http://ipindia.gov.in/privacy-policy.htm>) Copyright (<http://ipindia.gov.in/copyright.htm>)
 Hyperlinking Policy (<http://ipindia.gov.in/hyperlinking-policy.htm>) Accessibility (<http://ipindia.gov.in/accessibility.htm>) Archive (<http://ipindia.gov.in/archive.htm>)
 Contact Us (<http://ipindia.gov.in/contact-us.htm>) Help (<http://ipindia.gov.in/help.htm>)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019



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>)

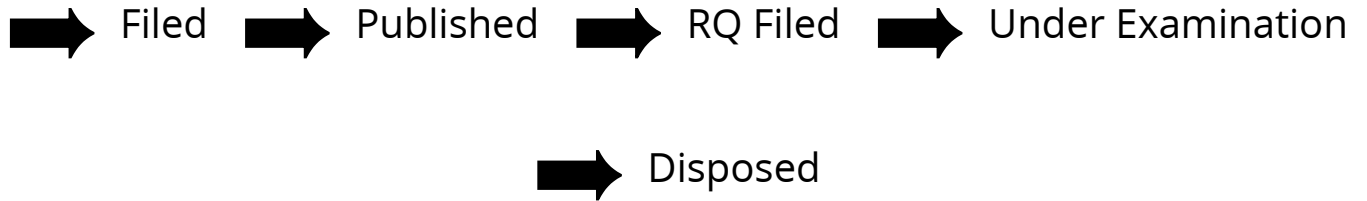
Application Details

APPLICATION NUMBER	202221050938
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	06/09/2022
APPLICANT NAME	1 . Mrs Anubha Pandey 2 . Mr. Soumitra Tiwari 3 . Mr. Harish Gupta 4 . Mr.Lokesh Patle 5 . Mr. Patil Nikhil Dilip 6 . Mr. Ajay Rajaram Mali 7 . Mr. Ashutosh Meher 8 . Ms. Ayesha Mustak Bhaiji 9 . Prof (Dr) Ranjan Kumar Sahoo 10 . Dr. S.K. Lanjhiyana 11 . Dr. Sweety Lanjhiyana 12 . Dr. Rinku Mathappan
TITLE OF INVENTION	GAMMA RADIATION EFFECTS ON LEAVES AND ROOTS IN MAIZE
FIELD OF INVENTION	BIO-CHEMISTRY
E-MAIL (As Per Record)	vaagaiip@gmail.com
ADDITIONAL-EMAIL (As Per Record)	vaagaiip@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	16/09/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination

[View Documents](#)

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

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<shhttp://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

[Skip to Main Content](#)



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



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

Patent Search

Invention Title	ANALYSING AND PROVIDING SOLUTIONS FOR A PHYSICO-CHEMICAL AND BACTERIOLOGICAL EFFECTS IN THE WATER		
Publication Number	36/2022		
Publication Date	09/09/2022		
Publication Type	INA		
Application Number	202241050375		
Application Filing Date	03/09/2022		
Priority Number			
Priority Country			
Priority Date			
Field Of Invention	BIO-CHEMISTRY		
Classification (IPC)	A61P0025160000, A61M0005280000, A61P0021000000, C12N0015700000, A61P0035000000		
Inventor			
Name	Address	Country	Nationality
Dr. Somashekhar M Metri	Associate Professor Author and PG Research Guide Department of Pharmaceutical Chemistry BLDEA's SSM college of Pharmacy and Research Centre Vijayapur-586103 Karnataka	India	India
Dr. Kamal Singh Rathore	Associate Professor, Bhupal Nobles' College of Pharmacy, Udaipur-Rajasthan 313001	India	India
Ms. Sonika Shrivastav	PhD scholar of BN University, Assistant Professor of Pharmacology, SGT University ,Gurugram ,Haryana, India	India	India
Mr. Surendra Singh Saurabh	Group Leader F&D and PhD Scholar (Bhupal Nobles' College of Pharmacy, BN University, Udaipur-313001, Rajasthan, India	India	India
Mr. Sachin Jambukumar Sajane	Assistant Professor (Vice-Principal Admin) Department of Pharmacology Annasaheb Dange College of B.Pharmacy, Ashta Tal: Walwa, Dist: Sangli-416301, Maharashtra, India India	India	India
Mr. Ashish Kasim Mullani	Assistant Professor Department of Pharmaceutical Chemistry Annasaheb Dange College of B.Pharmacy, Ashta Tal: Walwa, Dist: Sangli-416301, Maharashtra, India	India	India
Mr. Ganesh Dnyandev Mote	Assistant Professor Department of Pharmaceutical Chemistry Annasaheb Dange College of B.Pharmacy, Ashta Tal: Walwa, Dist: Sangli-416301, Maharashtra, India India	India	India
Ms. Kavita Vijay	Associate Professor and PhD Scholar, Bhupal Nobles' College of Pharmacy, BN University, Udaipur- Rajasthan 313001	India	India
Ms. Aarti Rajput	Associate professor, Oriental Campus,Thakral Nagar,Raisen Road, Bhopal -462022, Madhya Pradesh , India	India	India
Dr. S.K. Lanjhiyana	Asst. Professor, SLT Institute of Pharmaceutical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, 495009, Chhattisgarh, India	India	India
Dr. Sweety Lanjhiyana	Professor, School of Pharmacy, Chouksey Engineering College, Bilaspur 495001, Chhattisgarh, India	India	India
Mr. Prakash Ishwar Nargatti	Assistant Professor Department of Pharmacology Annasaheb Dange College of D.Pharmacy, Ashta Tal: Walwa, Dist: Sangli-416301, Maharashtra, India	India	India
Applicant			

Name	Address	Country	Nationality
Dr. Somashekhar M Metri	Associate Professor Author and PG Research Guide Department of Pharmaceutical Chemistry BLDEA's SSM college of Pharmacy and Research Centre Vijayapur-586103 Karnataka	India	India
Dr. Kamal Singh Rathore	Associate Professor, Bhupal Nobles' College of Pharmacy, Udaipur-Rajasthan 313001	India	India
Ms. Sonika Shrivastav	PhD scholar of BN University, Assistant Professor of Pharmacology, SGT University ,Gurugram ,Haryana, India	India	India
Mr. Surendra Singh Saurabh	Group Leader F&D and PhD Scholar (Bhupal Nobles' College of Pharmacy, BN University, Udaipur-313001, Rajasthan, India	India	India
Mr. Sachin Jambukumar Sajane	Assistant Professor (Vice-Principal Admin) Department of Pharmacology Annasaheb Dange College of B.Pharmacy, Ashta Tal: Walwa, Dist: Sangli-416301, Maharashtra, India India	India	India
Mr. Ashish Kasim Mullani	Assistant Professor Department of Pharmaceutical Chemistry Annasaheb Dange College of B.Pharmacy, Ashta Tal: Walwa, Dist: Sangli-416301, Maharashtra, India	India	India
Mr. Ganesh Dnyandev Mote	Assistant Professor Department of Pharmaceutical Chemistry Annasaheb Dange College of B.Pharmacy, Ashta Tal: Walwa, Dist: Sangli-416301, Maharashtra, India India	India	India
Ms. Kavita Vijay	Associate Professor and PhD Scholar, Bhupal Nobles' College of Pharmacy, BN University, Udaipur- Rajasthan 313001	India	India
Ms. Aarti Rajput	Associate professor, Oriental Campus,Thakral Nagar,Raisen Road, Bhopal -462022, Madhya Pradesh , India	India	India
Dr. S.K. Lanjhiyana	Asst. Professor, SLT Institute of Pharmaceutical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, 495009, Chhattisgarh, India	India	India
Dr. Sweety Lanjhiyana	Professor, School of Pharmacy, Chouksey Engineering College, Bilaspur 495001, Chhattisgarh, India	India	India
Mr. Prakash Ishwar Nargatti	Assistant Professor Department of Pharmacology Annasaheb Dange College of D.Pharmacy, Ashta Tal: Walwa, Dist: Sangli-416301, Maharashtra, India	India	India

Abstract:

ABSTRACT ANALYSING AND PROVIDING SOLUTIONS FOR A PHYSICO-CHEMICAL AND BACTERIOLOGICAL EFFECTS IN THE WATER A method for analysing and providing solutions for a physico-chemical and bacteriological effects in the water. The method includes collecting water samples and cooled to 4°C and within allowable holding times to be analyzed for a series of physico-chemical and microbiological parameters. Analyzing the collected samples on-site for water temperature. Carrying out the serial tenfold dilution by pipetting 1ml of each water sample into 9 ml of already prepared sterile normal saline to obtain dilutions up to 10. Culturing an aliquots of the diluted samples, using the spread plate techniques, on Petri dishes containing appropriate bacteriological media such as Nutrient Agar for Total Heterotrophic Bacterial (THB) count. Incubating the inoculated plates at 37oC for 18 to 24 hours after which growths were counted and analyzed.

Complete Specification

Description:ANALYSING AND PROVIDING SOLUTIONS FOR A PHYSICO-CHEMICAL AND BACTERIOLOGICAL EFFECTS IN THE WATER

BACKGROUND**Technical Field**

[0001] The embodiments herein generally relate to a method for analysing and providing solutions for a physico-chemical and, more particularly, relate to the method for analysing and providing solutions for a physico-chemical and bacteriological effects in the water.

Description of the Related Art

[0002] Water is a pertinent component of life and its main sources include rain, lakes, wells, streams, springs, ponds, oceans. Though water sources are so numerous on earth, the addition of a key word potability to water on earth reduces to a great extent the amount of acceptable useful water on earth. Thus, on a sanitary point of view for domestic water usage, water can be classified as polluted and unpolluted.

[0003] There are three types of water environment and they are atmospheric water, surface water, and underground water. During rainy seasons, rain water can serve as a good source of water for domestic purpose if properly stored. Thus, potable water can be obtained from the rainfall if properly collected into a well protected storage tank and can be used for domestic purposes in most homes.

[0004] The primary purpose of the guidelines for drinking water is the protection of public health. Water is essential to sustain life and it must be safe, adequately supplied and accessible to all. The WHO guideline states that water intended for drinking must not contain any concentration of a constituent that will or may result in any significant health risk to the consumers over a lifetime of consumption. It also states that E. coli or thermotolerant coliform bacteria must not be detectable in any 100 ml sample of

[View Application Status](#)



Terms & conditions (<http://ipindia.gov.in/terms-conditions.htm>) Privacy Policy (<http://ipindia.gov.in/privacy-policy.htm>) Copyright (<http://ipindia.gov.in/copyright.htm>)
Hyperlinking Policy (<http://ipindia.gov.in/hyperlinking-policy.htm>) Accessibility (<http://ipindia.gov.in/accessibility.htm>) Archive (<http://ipindia.gov.in/archive.htm>)
Contact Us (<http://ipindia.gov.in/contact-us.htm>) Help (<http://ipindia.gov.in/help.htm>)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019



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>)



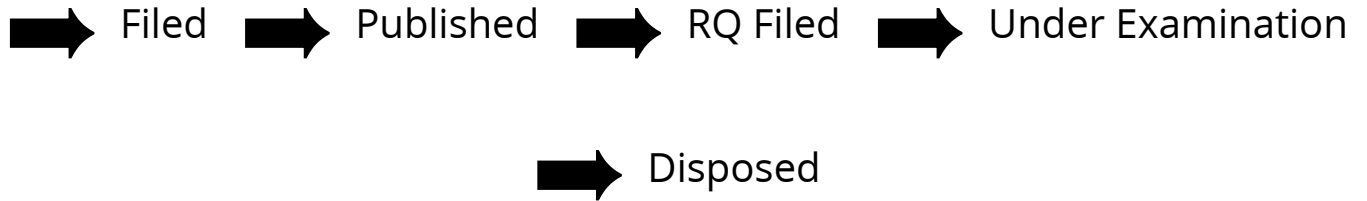
(<http://ipindia.nic.in/index.htm>)

Application Details

APPLICATION NUMBER	202241050375
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	03/09/2022
APPLICANT NAME	1 . Dr. Somashekhar M Metri 2 . Dr. Kamal Singh Rathore 3 . Ms. Sonika Shrivastav 4 . Mr. Surendra Singh Saurabh 5 . Mr. Sachin Jambukumar Sajane 6 . Mr. Ashish Kasim Mullani 7 . Mr. Ganesh Dnyandev Mote 8 . Ms. Kavita Vijay 9 . Ms. Aarti Rajput 10 . Dr. S.K. Lanjhiyana 11 . Dr. Sweety Lanjhiyana 12 . Mr. Prakash Ishwar Nargatti
TITLE OF INVENTION	ANALYSING AND PROVIDING SOLUTIONS FOR A PHYSICO-CHEMICAL AND BACTERIOLOGICAL EFFECTS IN THE WATER
FIELD OF INVENTION	BIO-CHEMISTRY
E-MAIL (As Per Record)	vaagaiip@gmail.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	09/09/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination[View Documents](#)

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

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<http://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

[Skip to Main Content](#)



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



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

Patent Search

Invention Title	PROCESS FOR COMPACTING ACETAMINOPHEN AND DEVELOPING A SUSTAINED-RELEASE FORMULATION		
Publication Number	37/2022		
Publication Date	16/09/2022		
Publication Type	INA		
Application Number	202221050363		
Application Filing Date	02/09/2022		
Priority Number			
Priority Country			
Priority Date			
Field Of Invention	CHEMICAL		
Classification (IPC)	A61P0003040000, A61P0025080000, A61P0027160000, A61F0013490000, E21B0017010000		
Inventor			
Name	Address	Country	Nationality
Mr. Rajeev Kumar Mishra	Associate Professor, Shri Ramkrishna College of Pharmacy, Karhi, Satna- 485001 Madhya Pradesh, India	India	India
Dr.Mohd.Washid Khan	Principal. Department of P.G.Studies and Research in Chemistry and Pharmacy Rani Durgavati Vishwavidyalaya Jabalpur - 482002, Madhya Pradesh, India	India	India
Mr. Mukesh Thakur	Asst. Professor, Tetri Chandravanshi Pharmacy College, Bishrampur, Palamu - 822132 Jharkhand, India	India	India
Ms. Sonal Gautam	Assistant Professor, Shri Ramkrishna College of Pharmacy, Karhi, Satna- 485001 Madhya Pradesh, India	India	India
Mr. Nischal Saxena	Associate Professor Shri Ram Institute of Technology Pharmacy Jabalpur- 482002 Madhya Pradesh- India	India	India
Mr. Hero Khan Pathan	Associate Professor, ITM University Gwalior-474001, Madhya Pradesh, India	India	India
Mr. Rohit Singh	Associate Professor Shri sai college of pharmacy Upardaha, Handiya, Prayagraj-221503, Uttar Pradesh , India	India	India
Dr. S.K. Lanjhiyana	Assistant Professor, SLT Institute of Pharmaceutical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, 495009, Chhattisgarh, India	India	India
Dr. Sweety Lanjhiyana	Professor, School of Pharmacy, Chouksey Engineering College, Bilaspur 495001, Chhattisgarh, India	India	India
Mr. Anupam Gautam	Assistant Professor, Shri Ramkrishna College of Pharmacy, Karhi, Satna- 485001 Madhya Pradesh, India	India	India
Mr. Pushpendra Kumar Mishra	Assistant Professor, Shrikrishna Pharmacy College, NH27, at Mangawan Distt Rewa of Madhya Pradesh, India	India	India
Mr. Sateesh Kumar Mishra	Assistant Professor, Gulabkali Memorial College of Pharmacy, Gaura Road, Chakghat, P. O. - Chakghat, Tahsil- Teonthar, Distt. - Rewa - 486226 , Madhya Pradesh, India	India	India
Applicant			

Name	Address	Country	Nationality
Mr. Rajeev Kumar Mishra	Associate Professor, Shri Ramkrishna College of Pharmacy, Karhi, Satna- 485001 Madhya Pradesh, India	India	India
Dr.Mohd.Washid Khan	Principal. Department of P.G.Studies and Research in Chemistry and Pharmacy Rani Durgavati Vishwavidyalaya Jabalpur – 482002, Madhya Pradesh, India	India	India
Mr. Mukesh Thakur	Asst. Professor, Tetri Chandravanshi Pharmacy College, Bishrampur, Palamu - 822132 Jharkhand, India	India	India
Ms. Sonal Gautam	Assistant Professor, Shri Ramkrishna College of Pharmacy, Karhi, Satna- 485001 Madhya Pradesh, India	India	India
Mr. Nischal Saxena	Associate Professor Shri Ram Institute of Technology Pharmacy Jabalpur- 482002 Madhya Pradesh- India	India	India
Mr. Hero Khan Pathan	Associate Professor, ITM University Gwalior-474001, Madhya Pradesh, India	India	India
Mr. Rohit Singh	Associate Professor Shri sai college of pharmacy Upardaha, Handiya, Prayagraj-221503, Uttar Pradesh , India	India	India
Dr. S.K. Lanjhiyana	Assistant Professor, SLT Institute of Pharmaceutical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, 495009, Chhattisgarh, India	India	India
Dr. Sweety Lanjhiyana	Professor, School of Pharmacy, Chouksey Engineering College, Bilaspur 495001, Chhattisgarh, India	India	India
Mr. Anupam Gautam	Assistant Professor, Shri Ramkrishna College of Pharmacy, Karhi, Satna- 485001 Madhya Pradesh, India	India	India
Mr. Pushendra Kumar Mishra	Assistant Professor, Shrikrishna Pharmacy College, NH27, at Mangawan Distt Rewa of Madhya Pradesh, India	India	India
Mr. Sateesh Kumar Mishra	Assistant Professor, Gulabkali Memorial College of Pharmacy, Gaura Road, Chakghat, P. O. - Chakghat, Tahsil- Teonthar, Distt. - Rewa - 486226 , Madhya Pradesh, India	India	India

Abstract:

The objective of this study was to design acetaminophen extended release bi layer tablets containing immediate release layer and extended release layer. Tablets were prepared by wet granulation technique using different grades of hydroxypropylmethyl cellulose Drug release was analyzed using zero-order, first order, Higuchi and Korsmeyer-Peppas equations to explore and explain the mechanism of drug release from the bi layer matrix tablets. Mathematical analysis of the release kinetics indicated that release from the matrix tablets followed Fickian diffusion. FIG.1

Complete Specification

Description:PROCESS FOR COMPACTING AN ACETAMINOPHEN AND DEVELOPING A SUSTAINED-RELEASE FORMULATION

BACKGROUND

Technical Field

[0001] The embodiments herein generally relate to process for compacting an acetaminophen and, more particularly, relate to the process for compacting an acetaminophen and developing a sustained-release formulation.

Description of the Related Art

[0002] Many medical conditions are best treated by administration of a pharmaceutical in such a way as to sustain its action over an extended period of time. For example, this kind of pharmaceutical administration can be useful for treating chronic pain, such as that associated with rheumatic or arthritic conditions. Sustained-release dosage forms can also be used beneficially in the administration of antiarrhythmics, antihypertensives and other drugs whose sustained action is important to their efficacy.

[0003] Many physiological factors influence both the gastrointestinal transit time and the release of a drug from a controlled release dosage form, and thus influence the uptake of the drug into the systemic circulation. Dosage forms should therefore be designed so that such variable factors do not compromise the efficacy and safety of the product. Ideally, such sustained-release dosage forms should release the active pharmaceutical ingredient at a controlled rate such that the amount of active pharmaceutical ingredient which is available in the body to treat the condition is maintained at a relatively constant level over an extended period of time. That is, it is desirable that active pharmaceutical ingredient be released at a reproducible, predictable rate which is substantially independent of physiological factors which can vary considerably among different individuals and even over time for a particular individual

[View Application Status](#)



राष्ट्रीय मतदाता सेवा पोर्टल
NATIONAL VOTERS' SERVICES PORTAL

Terms & conditions (<http://ipindia.gov.in/terms-conditions.htm>) Privacy Policy (<http://ipindia.gov.in/privacy-policy.htm>) Copyright (<http://ipindia.gov.in/copyright.htm>)
Hyperlinking Policy (<http://ipindia.gov.in/hyperlinking-policy.htm>) Accessibility (<http://ipindia.gov.in/accessibility.htm>) Archive (<http://ipindia.gov.in/archive.htm>)
Contact Us (<http://ipindia.gov.in/contact-us.htm>) Help (<http://ipindia.gov.in/help.htm>)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019



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>)



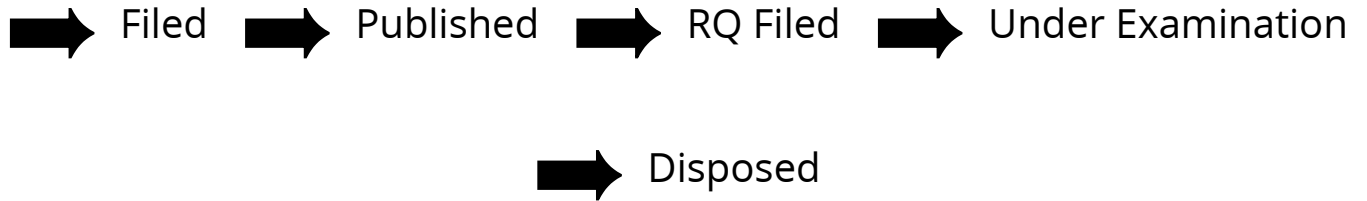
(<http://ipindia.nic.in/index.htm>)

Application Details

APPLICATION NUMBER	202221050363
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	02/09/2022
APPLICANT NAME	1 . Mr. Rajeev Kumar Mishra 2 . Dr.Mohd.Washid Khan 3 . Mr. Mukesh Thakur 4 . Ms. Sonal Gautam 5 . Mr. Nischal Saxena 6 . Mr. Hero Khan Pathan 7 . Mr. Rohit Singh 8 . Dr. S.K. Lanjhiyana 9 . Dr. Sweety Lanjhiyana 10 . Mr. Anupam Gautam 11 . Mr. Pushpendra Kumar Mishra 12 . Mr. Sateesh Kumar Mishra
TITLE OF INVENTION	PROCESS FOR COMPACTING ACETAMINOPHEN AND DEVELOPING A SUSTAINED-RELEASE FORMULATION
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	vaagaiip@gmail.com
ADDITIONAL-EMAIL (As Per Record)	vaagaiip@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	16/09/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination[View Documents](#)

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

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<shttp://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

[Skip to Main Content](#)



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



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

Patent Search

Invention Title	HEDYCHIUM CORONARIUM: A NOVEL THERAPEUTIC REMEDY AGAINST GLAUCOMA PROGRESSION
Publication Number	45/2022
Publication Date	11/11/2022
Publication Type	INA
Application Number	202221049661
Application Filing Date	30/08/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	MECHANICAL ENGINEERING
Classification (IPC)	F04C0018020000, C22C0038140000, B32B0017100000, H01L0029861000, F04C0023000000

Inventor

Name	Address	Country	Nationality
Onkar Kashyap	Student, M. Pharm, Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur, Chhattisgarh 495009 India	India	India
Ashmita Das	Pre-PhD Student, Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur, Chhattisgarh 495009 India	India	India
Dr. Vinod D. Rangari	Professor, Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur, Chhattisgarh 495009 India	India	India
Dr. Surendra H. Bodakhe	Associate Professor, Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur, Chhattisgarh 495009 India	India	India
Dr. Kamta P. Namdeo	Associate Professor, Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur, Chhattisgarh 495009 India	India	India
Dr. Amrita Singh	Associate Professor, ISF college of Pharmacy, Ghall Kalan, Moga, Punjab 142001, India	India	India
Dr. Jayashree	Associate Professor, Rungta Institute of Pharmaceutical Sciences and Research, Khoka-Kurud Road, Bhilai - 490024, Chhattisgarh, India	India	India

Applicant

Name	Address	Country	Nationality
Dr. Surendra H. Bodakhe	Associate Professor, Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur, Chhattisgarh 495009 India	India	India
Ashmita Das	Pre-PhD Student, Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur, Chhattisgarh 495009 India	India	India

Abstract:

The present invention relates to a herbal composition comprising essential oil and aroma water extract from the flowers of H. coronarium and use of the essential oil extract in the treatment of glaucoma. Present inventors attempt to explore phytoconstituents present in the flower of H. coronarium in defeating the ROS and oxidative stress along with their prominent inhibitor actions of TNF α . The present invention provides a herbal composition for delaying the onset and progression of Glaucoma, the formulation comprising an essential oil and aroma water extract of Hedychium coronarium. The essential oil is extracted with solvent free microwave assisted extraction technique.

Complete Specification

Description:FIELD OF THE INVENTION

[0001] All embodiments of the present invention relate to essential oil and aroma water extract of Hedychium coronarium and use of the plant extract in the treatment of delaying the onset or progression of glaucoma.

BACKGROUND OF THE INVENTION

[0002] Glaucoma is known to be a progressive neurodegenerative disorder that begins with an increase in the IOP and terminates at a complete visual loss. Several medicines and surgical therapies available have failed to reduce the progression of this disease while only intensifying the side effects and letting the human race rely on eye drops or costly therapies throughout their lives. Various studies formerly conducted have reported the significant relation between inflammation and glaucoma pathogenesis. However, very few studies have correlated the relation between IOP management and restoration of the retinal cellular structure, especially with the use of herbal agents.

[0003] The growing population of human society suffering from glaucoma is on the rise exponentially. The current therapies available being primarily symptomatic and costly without any complete cure has urged us to divert our attention the traditional Indian herbs. Literature reveals the extensive role of TNF α activity, oxidative stress, and inflammatory mediators in ocular diseases, and glaucoma is characterized as a neurodegenerative ocular disorder causing persistent loss of the retinal ganglion cells (RGCs) in the lamina cribrosa region of the eye leading to a specified phenomenon called cupping which marks the conglomeration of blood vessels in and near the optic nerve head (Junglas B et al., 2012; Whitson JT 2007; Wierzbowska J et al., 2010; Fuchshofer R et al., 2007; Kuehn MH et al., 2005; Agarwal R et al., 2012; Wordinger RJ et al., 2014; Williams PA et al., 2017). Glaucoma is known to cause an enhancement in the intraocular pressure (IOP) of the eye due to mechanobiological alterations in the extracellular matrix

[View Application Status](#)

[Terms & conditions \(http://ipindia.gov.in/terms-conditions.htm\)](http://ipindia.gov.in/terms-conditions.htm) [Privacy Policy \(http://ipindia.gov.in/privacy-policy.htm\)](http://ipindia.gov.in/privacy-policy.htm) [Copyright \(http://ipindia.gov.in/copyright.htm\)](http://ipindia.gov.in/copyright.htm)
[Hyperlinking Policy \(http://ipindia.gov.in/hyperlinking-policy.htm\)](http://ipindia.gov.in/hyperlinking-policy.htm) [Accessibility \(http://ipindia.gov.in/accessibility.htm\)](http://ipindia.gov.in/accessibility.htm) [Archive \(http://ipindia.gov.in/archive.htm\)](http://ipindia.gov.in/archive.htm)
[Contact Us \(http://ipindia.gov.in/contact-us.htm\)](http://ipindia.gov.in/contact-us.htm) [Help \(http://ipindia.gov.in/help.htm\)](http://ipindia.gov.in/help.htm)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019



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>)

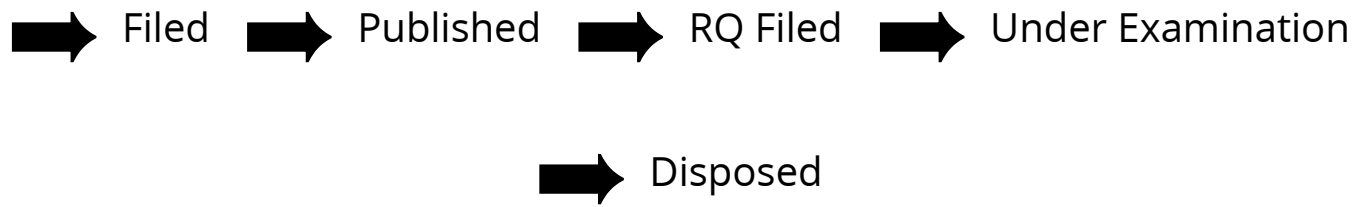
Application Details

APPLICATION NUMBER	202221049661
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	30/08/2022
APPLICANT NAME	1 . Dr. Surendra H. Bodakhe 2 . Ashmita Das
TITLE OF INVENTION	HEDYCHIUM CORONARIUM: A NOVEL THERAPEUTIC REMEDY AGAINST GLAUCOMA PROGRESSION
FIELD OF INVENTION	MECHANICAL ENGINEERING
E-MAIL (As Per Record)	vsasawat@gmail.com
ADDITIONAL-EMAIL (As Per Record)	vsasawat@yahoo.co.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	11/11/2022

Application Status

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

[View Documents](#)



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

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<http://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

[Skip to Main Content](#)



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



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

Patent Search

Invention Title	ARTIFICIAL INTELLIGENCE BASED INTERVENTIONS FOR DEVELOPING STABILITY INDICATING METHOD AND VALIDATION OF ANTI-CANCER DRUG USING RP-HPLC METHOD		
Publication Number	36/2022		
Publication Date	09/09/2022		
Publication Type	INA		
Application Number	202211049075		
Application Filing Date	28/08/2022		
Priority Number			
Priority Country			
Priority Date			
Field Of Invention	COMPUTER SCIENCE		
Classification (IPC)	G06K0009000000, G06K0009620000, A61K0039395000, G16H0050200000, G06F0017180000		
Inventor			
Name	Address	Country	Nationality
Dr. MANISH JAIMINI	PROFESSOR AND PRINCIPAL, DEPARTMENT OF PHARMACY, MAHARISHI ARVIND UNIVERSITY, JAIPUR, RAJASTHAN, 302041	India	India
Dr. DEEPAK SHARMA	ASSOCIATE PROFESSOR, DOPT, SCHOOL OF MEDICAL SCIENCES, ADAMAS UNIVERSITY, BARASAT-BARAKPORE ROAD	India	India
Dr. DEVESH U KAPOOR	LECTURER, DR. DAYARAM PATEL PHARMACY COLLEGE BARDOLI PIN 394601	India	India
MRS. KHUSHBU SINGH	ASSISTANT PROFESSOR, SAM HIGGINBOTTOM UNIVERSITY OF AGRICULTURE, TECHNOLOGY AND SCIENCES (DEEMED TO BE UNIVERSITY), REWA ROAD OLD BRIDGE, NEAR TO YAMUNA, NAINI, PRAYAGRAJ - 211007, UTTAR PRADESH, INDIA	India	India
Dr. DEVI PRASAD PANDEY	ASSISTANT PROFESSOR, GOVT. DEGREE COLLEGE, DEHRADUN CITY, DEHRADUN - 248001, UTTARAKHAND, INDIA	India	India
MS. BLESSY MARY THOMAS	ASSISTANT PROFESSOR, LCIT SCHOOL OF PHARMACY, BODRI, BILASPUR - 495220, CHHATTISGARH, INDIA	India	India
MS. SOMPRABHA MADHUKAR	ASSISTANT PROFESSOR, LCIT SCHOOL OF PHARMACY, BODRI, BILASPUR - 495220, CHHATTISGARH, INDIA	India	India
Dr. KAMTA PRASAD NAMDEO	ASSOCIATE PROFESSOR, DEPARTMENT OF PHARMACY, GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR - 495009, CHHATTISGARH, INDIA	India	India
Dr.G.DHANALAKSHMI ARUMUGAM	VICE PRINCIPAL, HOD -MEDICAL SURGICAL NURSING,BILLROTH COLLEGE OF NURSING, MADURAVOYAL, CHENNAI- 600095	India	India
MR.VAIBHAV SOPAN GALBALE	ASSISTANT PROFESSOR, ELECTRONIC SCIENCE,MIT ARTS, COMMERCE AND SCIENCE COLLEGE ALANDI PUNE 412105	India	India
Dr. ANIMESH KUMAR SHARMA	ASSISTANT PROFESSOR, FACULTY OF SCIENCE AND TECHNOLOGY,THE ICFAI UNIVERSITY RAIPUR	India	India
KAVERI VISHWAS SABLE	ASSISTANT PROFESSOR, NEW ART'S, COMMERCE AND SCIENCE COLLEGE AHMEDNAGAR 414001	India	India
Applicant			

Name	Address	Country	Nationality
Dr. MANISH JAIMINI	PROFESSOR AND PRINCIPAL, DEPARTMENT OF PHARMACY, MAHARISHI ARVIND UNIVERSITY, JAIPUR, RAJASTHAN, 302041	India	India
Dr. DEEPAK SHARMA	ASSOCIATE PROFESSOR, DOPT, SCHOOL OF MEDICAL SCIENCES, ADAMAS UNIVERSITY, BARASAT-BARAKPORE ROAD	India	India
Dr. DEVESH U KAPOOR	LECTURER, DR. DAYARAM PATEL PHARMACY COLLEGE BARDOLI PIN 394601	India	India
MRS. KHUSHBU SINGH	ASSISTANT PROFESSOR, SAM HIGGINBOTTOM UNIVERSITY OF AGRICULTURE, TECHNOLOGY AND SCIENCES (DEEMED TO BE UNIVERSITY), REWA ROAD OLD BRIDGE, NEAR TO YAMUNA, NAINI, PRAYAGRAJ - 211007, UTTAR PRADESH, INDIA	India	India
Dr. DEVI PRASAD PANDEY	ASSISTANT PROFESSOR, GOVT. DEGREE COLLEGE, DEHRADUN CITY, DEHRADUN - 248001, UTTARAKHAND, INDIA	India	India
MS. BLESSY MARY THOMAS	ASSISTANT PROFESSOR, LCIT SCHOOL OF PHARMACY, BODRI, BILASPUR - 495220, CHHATTISGARH, INDIA	India	India
MS. SOMPRABHA MADHUKAR	ASSISTANT PROFESSOR, LCIT SCHOOL OF PHARMACY, BODRI, BILASPUR - 495220, CHHATTISGARH, INDIA	India	India
Dr. KAMTA PRASAD NAMDEO	ASSOCIATE PROFESSOR, DEPARTMENT OF PHARMACY, GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR - 495009, CHHATTISGARH, INDIA	India	India
Dr.G.DHANALAKSHMI ARUMUGAM	VICE PRINCIPAL, HOD -MEDICAL SURGICAL NURSING,BILLROTH COLLEGE OF NURSING, MADURAVOYAL, CHENNAI- 600095	India	India
MR.VAIBHAV SOPAN GALBALE	ASSISTANT PROFESSOR, ELECTRONIC SCIENCE,MIT ARTS, COMMERCE AND SCIENCE COLLEGE ALANDI PUNE 412105	India	India
Dr. ANIMESH KUMAR SHARMA	ASSISTANT PROFESSOR, FACULTY OF SCIENCE AND TECHNOLOGY,THE ICFAI UNIVERSITY RAIPUR	India	India
KAVERI VISHWAS SABLE	ASSISTANT PROFESSOR, NEW ART'S, COMMERCE AND SCIENCE COLLEGE AHMEDNAGAR 414001	India	India

Abstract:

Artificial Intelligence based interventions for Developing stability indicating method and validation of Anti-cancer Drug using RP-HPLC Method is the proposed invention. The proposed invention focuses on designing a framework for developing a stability indicating method for validation of anti-cancer drugs. The algorithms are used for intervening the proposed validation method. The proposed method will analyse the efficacy of anti-cancer drugs through RP-HPLC method.

Complete Specification**FIELD OF INVENTION**

The present invention relates to the field of designing & implementing a framework of Artificial Intelligence bases interventions for developing a stability indicating method and validation of anti-cancer drugs. The proposed invention focuses on analysing the drug efficacy using RP-HPLC method.

BACKGROUND OF INVENTION

[0001] Background description includes information that may be useful in understanding the present invention. It is not an admission that any of the information provided herein is prior art or relevant to the presently claimed invention, or that any publication specifically or implicitly referenced is prior art.

[0002] Chemotherapy, also known as chemo or anti-cancer medication, is medication that is used to destroy, kill, shrink or slow the growth of cancer cells. Some Cancers only need one kind of Chemotherapy drug to treat, while others may need to be used in combination with surgery &/or radiation. The duration of treatment can vary, it can take a few minutes, several hours or few days.

[0003] A number of different types of cancer drug analysis systems that are known in the prior art. For example, the following patents are provided for their supportive teachings and are all incorporated by reference.

[0004] A stability indicating RP-HPLC method for determination of anticancer agents cytarabine in lyophilized dosage form an isocratic High performance liquid

[View Application Status](#)



**Department of Industrial
Policy and Promotion**
Government of India

Terms & conditions (<http://ipindia.gov.in/terms-conditions.htm>) Privacy Policy (<http://ipindia.gov.in/privacy-policy.htm>) Copyright (<http://ipindia.gov.in/copyright.htm>)
Hyperlinking Policy (<http://ipindia.gov.in/hyperlinking-policy.htm>) Accessibility (<http://ipindia.gov.in/accessibility.htm>) Archive (<http://ipindia.gov.in/archive.htm>)
Contact Us (<http://ipindia.gov.in/contact-us.htm>) Help (<http://ipindia.gov.in/help.htm>)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019



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

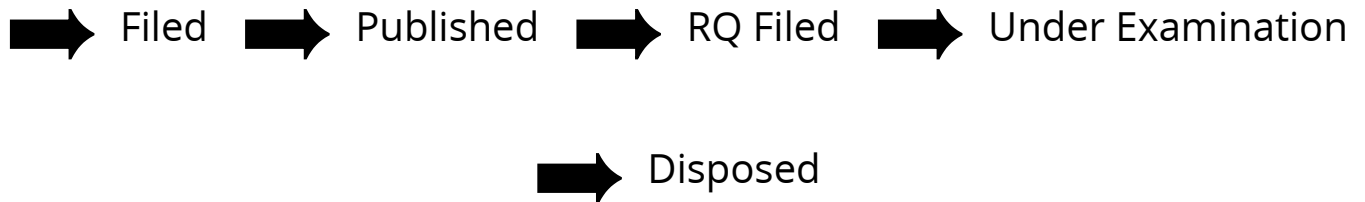
APPLICATION NUMBER	202211049075
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	28/08/2022
APPLICANT NAME	1 . Dr. MANISH JAIMINI 2 . Dr. DEEPAK SHARMA 3 . Dr. DEVESH U KAPOOR 4 . MRS. KHUSHBU SINGH 5 . Dr. DEVI PRASAD PANDEY 6 . MS. BLESSY MARY THOMAS 7 . MS. SOMPRABHA MADHUKAR 8 . Dr. KAMTA PRASAD NAMDEO 9 . Dr.G.DHANALAKSHMI ARUMUGAM 10 . MR.VAIBHAV SOPAN GALBALE 11 . Dr. ANIMESH KUMAR SHARMA 12 . KAVERI VISHWAS SABLE
TITLE OF INVENTION	ARTIFICIAL INTELLIGENCE BASED INTERVENTIONS FOR DEVELOPING STABILITY INDICATING METHOD AND VALIDATION OF ANTI-CANCER DRUG USING RP-HPLC METHOD
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	sgowthami12@gmail.com
ADDITIONAL-EMAIL (As Per Record)	sgowthami12@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	09/09/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination

[View Documents](#)



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

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<http://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

[Skip to Main Content](#)



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



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

Patent Search

Invention Title	MACHINE LEARNING BASED APPROACH TO STUDY AND ANALYSE THE ANTIBACTERIAL EFFECTS OF SILVER NANOPARTICLES FOR HEALING DENTAL ISSUES		
Publication Number	36/2022		
Publication Date	09/09/2022		
Publication Type	INA		
Application Number	202211048685		
Application Filing Date	26/08/2022		
Priority Number			
Priority Country			
Priority Date			
Field Of Invention	COMPUTER SCIENCE		
Classification (IPC)	G06N0020000000, A61K0033380000, C09D0005140000, A61K0039395000, A01N0059160000		
Inventor			
Name	Address	Country	Nationality
ER. SHREESH GUPTA	BUISNESS DEVELOPMENT MANAGER, WECAPSULATE PHARMA, LANE NO. 8, NEAR SHIV MANDIR, KANDOLI, RAJPUR ROAD DEHRADUN, UTTRAKHAND, INDIA 248002	India	India
MR. JHAKESHWAR PRASAD	ASSISTANT PROFESSOR, SHRI SHANKARACHARYA COLLEGE OF PHARMACEUTICAL SCIENCES, JUNWANI, BHILAI - 490020, CHHATTISGARH, INDIA	India	India
Dr. S. K. LANJHIYANA	ASSISTANT PROFESSOR, INSTITUTE OF PHARMACEUTICAL SCIENCES, GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR - 495009, CHHATTISGARH, INDIA	India	India
Dr. SWEETY LANJHIYANA	PROFESSOR, SCHOOL OF PHARMACY CHOUKSEY ENGINEERING COLLEGE, BILASPUR - 495001, CHHATTISGARH, INDIA	India	India
MR. AKHILESH KUMAR	ASSISTANT PROFESSOR, DEPT. OF PHARMACOLOGY, COLUMBIA INSTITUTE OF PHARMACY, TEKARI, RAIPUR - 493111, CHHATTISGARH, INDIA	India	India
MS. PRIYANKA VISHWAKARMA	ASSISTANT PROFESSOR, COLUMBIA COLLEGE OF PHARMACY, TEKARI, RAIPUR - 493111, CHHATTISGARH, INDIA	India	India
VIVEK DUBEY	ASSOCIATE PROFESSOR, COMPUTER SCIENCE & ENGG, BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY, HYDERABAD, 501510	India	India
Dr. PRATIBHA BHOWMICK	BENGAL COLLEGE OF PHARMACEUTICAL SCIENCES AND RESEARCH (DURGAPUR) PIN CODE-713212	India	India
SOUMIK LAHA	ASSISTANT PROFESSOR, BENGAL COLLEGE OF PHARMACEUTICAL SCIENCES & RESEARCH, DURGAPUR, 713212	India	India
Dr VISHNU KIRAN MANAM	SENIOR SCIENTIST/DGM, IB GROUP, INDAMARA, PENDRI, CHATTISGARH 491441.	India	India
PRAVAT KUMAR SWAIN	ASSISTANT PROFESSOR/DEPARTMENT OF BASIC SCIENCES AND HUMANITIES SATYASAI ENGINEERING COLLEGE (BPUR ROURKELA), BALASORE -756002, ODISHA AND DEPARTMENT OF CHEMISTRY, BERHAMPUR DEGREE COLLEGE (FAKIR MOHAN UNIVERSITY BALASORE), AT-BERHAMPUR, P.O.: RAJ BERHAMPUR, PIN-756058, ODISHA	India	India
Dr. DEVVRET VERMA	ASSISTANT PROFESSOR, DEPARTMENT OF BIOTECHNOLOGY, GRAPHIC ERA DEEME TO BE UNIVERSITY, DEHRADUN, UTTARAKHAND, INDIA 248002	India	India
Applicant			

Name	Address	Country	Nationality
ER. SHREESH GUPTA	BUSINESS DEVELOPMENT MANAGER, WECAPSULATE PHARMA, LANE NO. 8, NEAR SHIV MANDIR, KANDOLI, RAJPUR ROAD DEHRADUN, UTTARAKHAND, INDIA 248002	India	India
MR. JHAKESHWAR PRASAD	ASSISTANT PROFESSOR, SHRI SHANKARACHARYA COLLEGE OF PHARMACEUTICAL SCIENCES, JUNWANI, BHILAI - 490020, CHHATTISGARH, INDIA	India	India
Dr. S. K. LANJHIYANA	ASSISTANT PROFESSOR, INSTITUTE OF PHARMACEUTICAL SCIENCES, GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR - 495009, CHHATTISGARH, INDIA	India	India
Dr. SWEETY LANJHIYANA	PROFESSOR, SCHOOL OF PHARMACY CHOUKSEY ENGINEERING COLLEGE, BILASPUR - 495001, CHHATTISGARH, INDIA	India	India
MR. AKHILESH KUMAR	ASSISTANT PROFESSOR, DEPT. OF PHARMACOLOGY, COLUMBIA INSTITUTE OF PHARMACY, TEKARI, RAIPUR - 493111, CHHATTISGARH, INDIA	India	India
MS. PRIYANKA VISHWAKARMA	ASSISTANT PROFESSOR, COLUMBIA COLLEGE OF PHARMACY, TEKARI, RAIPUR - 493111, CHHATTISGARH, INDIA	India	India
VIVEK DUBEY	ASSOCIATE PROFESSOR, COMPUTER SCIENCE & ENGG, BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY, HYDERABAD, 501510	India	India
Dr. PRATIBHA BHOWMICK	BENGAL COLLEGE OF PHARMACEUTICAL SCIENCES AND RESEARCH (DURGAPUR) PIN CODE-713212	India	India
SOUMIK LAHA	ASSISTANT PROFESSOR, BENGAL COLLEGE OF PHARMACEUTICAL SCIENCES & RESEARCH, DURGAPUR, 713212	India	India
Dr VISHNU KIRAN MANAM	SENIOR SCIENTIST/DGM, IB GROUP, INDAMARA, PENDRI, CHATTISGARH 491441.	India	India
PRAVAT KUMAR SWAIN	ASSISTANT PROFESSOR/DEPARTMENT OF BASIC SCIENCES AND HUMANITIES SATYASAI ENGINEERING COLLEGE (BPUT ROURKELA), BALASORE -756002, ODISHA AND DEPARTMENT OF CHEMISTRY, BERHAMPUR DEGREE COLLEGE (FAKIR MOHAN UNIVERSITY BALASORE), AT-BERHAMPUR, P.O.: RAJ BERHAMPUR, PIN-756058, ODISHA	India	India
Dr. DEVVRET VERMA	ASSISTANT PROFESSOR, DEPARTMENT OF BIOTECHNOLOGY, GRAPHIC ERA DEEME TO BE UNIVERSITY, DEHRADUN, UTTARAKHAND, INDIA 248002	India	India

Abstract:

Machine learning based approach to study and analyse the antibacterial effects of silver nanoparticles for healing dental issues is the proposed invention. The proposed invention focuses on analysing the properties of silver nano particles through the algorithms of machine learning. The invention aims at studying the antibacterial effects of silver nanoparticles especially in treating and healing the dental issues.

Complete Specification**FIELD OF INVENTION**

The present invention relates to the field of designing & implementing a framework of machine learning based approach to study and analyse the antibacterial effects of silver nano particles. The proposed invention focuses on analysing the impact of silver nano particles in healing dental issues.

BACKGROUND OF INVENTION

[0001] Background description includes information that may be useful in understanding the present invention. It is not an admission that any of the information provided herein is prior art or relevant to the presently claimed invention, or that any publication specifically or implicitly referenced is prior art.

[0002] Silver Nano Particles (AgNp's) are one of the most vital and fascinating nano materials among several metallic nano particles that are involved in bio medical applications. AgNp's play an important role in nanoscience and nanotechnology, particularly in nanomedicine. The AgNp's were found in the organic matrix of the bacteria. Lactic acid producing bacteria have been used to produce AgNp's.

[0003] A number of different types of silver particle analysis systems that are known in the prior art. For example, the following patents are provided for their supportive teachings and are all incorporated by reference.

[0004] The Antibacterial Mechanism of Silver Nanoparticles and Its Application in Dentistry Nanotechnology has recently emerged as a rapidly growing field with numerous biomedical science applications. At the same time, silver has been adopted as an antimicrobial material and disinfectant that is relatively free of adverse effects. Silver

[View Application Status](#)



Terms & conditions (<http://ipindia.gov.in/terms-conditions.htm>) Privacy Policy (<http://ipindia.gov.in/privacy-policy.htm>) Copyright (<http://ipindia.gov.in/copyright.htm>)
 Hyperlinking Policy (<http://ipindia.gov.in/hyperlinking-policy.htm>) Accessibility (<http://ipindia.gov.in/accessibility.htm>) Archive (<http://ipindia.gov.in/archive.htm>)
 Contact Us (<http://ipindia.gov.in/contact-us.htm>) Help (<http://ipindia.gov.in/help.htm>)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019



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>)



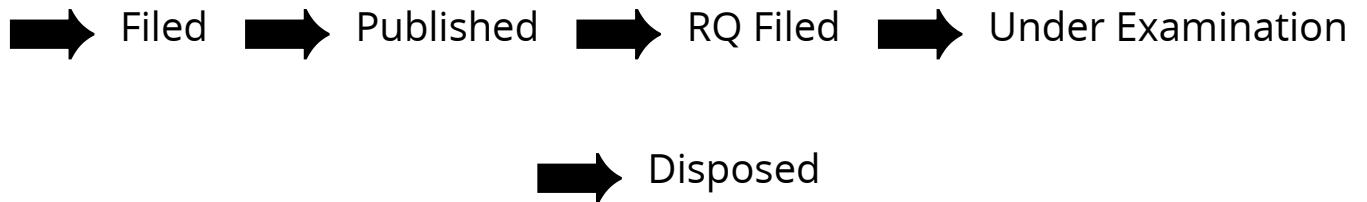
(<http://ipindia.nic.in/index.htm>)

Application Details

APPLICATION NUMBER	202211048685
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	26/08/2022
APPLICANT NAME	1 . ER. SHREESH GUPTA 2 . MR. JHAKESHWAR PRASAD 3 . Dr. S. K. LANJHIYANA 4 . Dr. SWEETY LANJHIYANA 5 . MR. AKHILESH KUMAR 6 . MS. PRIYANKA VISHWAKARMA 7 . VIVEK DUBEY 8 . Dr. PRATIBHA BHOWMICK 9 . SOUMIK LAHA 10 . Dr VISHNU KIRAN MANAM 11 . PRAVAT KUMAR SWAIN 12 . Dr. DEVVRET VERMA
TITLE OF INVENTION	MACHINE LEARNING BASED APPROACH TO STUDY AND ANALYSE THE ANTIBACTERIAL EFFECTS OF SILVER NANOPARTICLES FOR HEALING DENTAL ISSUES
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	sgowthami12@gmail.com
ADDITIONAL-EMAIL (As Per Record)	sgowthami12@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	09/09/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination[View Documents](#)

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

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<shttp://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

[Skip to Main Content](#)



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



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

Patent Search

Invention Title	DISSOLUTION IMPROVEMENT OF GLIMEPIRIDE AND OLANZAPINE USING KETOROLAC TROMETHAMINE		
Publication Number	36/2022		
Publication Date	09/09/2022		
Publication Type	INA		
Application Number	202221048411		
Application Filing Date	25/08/2022		
Priority Number			
Priority Country			
Priority Date			
Field Of Invention	CHEMICAL		
Classification (IPC)	A61K0031640000, A61K0031407000, C07D0207380000, G01N0033150000, A61K0047690000		
Inventor			
Name	Address	Country	Nationality
Dr. Sabahuddin Siddique	Principal, Bhabha Pharmacy Research Institute, Bhabha University, Bhopal, Madhya Pradesh, India, 462026	India	India
Dr. Paramita Das	Associate Professor Department of Pharmaceutical chemistry Krupanidhi College of Pharmacy #12/1, Chikkabelandur, Carmelaram, post. VarthurHobli, Bangalore- 560035. India	India	India
Dr. A. Muthukumar	Associate Professor Department of Pharmacology Al-Ameen College of Pharmacy, Hosur Main Road, opp. Lalbagh Main Gate, Bengaluru-560027. India	India	India
Dr.Mohd.Washid Khan	Principal. Department of P.G.Studies and Research in Chemistry and Pharmacy Rani Durgavati Vishwavidyalaya Jabalpur - 482002, Madhya Pradesh, India	India	India
Mrs. Anjali Nayak	Assistant Professor Department of Pharmaceutical chemistry Krupanidhi College of Pharmacy #12/1, Chikkabelandur, Carmelaram, post. VarthurHobli, Bangalore- 560035. India	India	India
Dr. Jyoti Choubey	Asst.Prof. Department of P.G.Studies and Research in Chemistry and Pharmacy Rani Durgavati Vishwavidyalaya Jabalpur 482002, Madhya Pradesh, India	India	India
Dr. Santosh Kumar Verma	Associate Professor School of Chemistry and Chemical Engineering, Yulin University, Yulin 719000, Shaanxi, P. R. China	India	India
Dr. Arun Kumar Kashyap	Assistant Professor Govt. E Raghavendra Rao PG. Science College, Pin- 495001, Bilaspur, Chhattisgarh, India	India	India
Ms. Makwana Rajeshreebahen Pravinkumar	Research Scholar Dharmsinh Desai University, Nadiad, Gujarat, India Pin - 387 001	India	India
Dr. S.K. Lanjhiyana	Asst. Professor, SLT Institute of Pharmaceutical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, 495009, Chhattisgarh, India	India	India
Dr. Sweety Lanjhiyana	Professor, School of Pharmacy, Chouksey Engineering College, Bilaspur 495001, Chhattisgarh, India	India	India
Dr. Rameshwari Verma	Associate Professor School of Chemistry and Chemical Engineering, Yulin University, Yulin 719000, Shaanxi, P. R. China	India	India
Applicant			

Name	Address	Country	Nationality
Dr. Sabahuddin Siddique	Principal, Bhabha Pharmacy Research Institute, Bhabha University, Bhopal, Madhya Pradesh, India, 462026	India	India
Dr. Paramita Das	Associate Professor Department of Pharmaceutical chemistry Krupanidhi College of Pharmacy #12/1, Chikkabelandur, Carmelaram, post. VarthurHobli. Bangalore- 560035. India	India	India
Dr. A. Muthukumar	Associate Professor Department of Pharmacology Al-Ameen College of Pharmacy, Hosur Main Road, opp. Lalbagh Main Gate, Bengaluru-560027. India	India	India
Dr.Mohd.Washid Khan	Principal. Department of P.G.Studies and Research in Chemistry and Pharmacy Rani Durgavati Vishwavidyalaya Jabalpur – 482002, Madhya Pradesh, India	India	India
Mrs. Anjali Nayak	Assistant Professor Department of Pharmaceutical chemistry Krupanidhi College of Pharmacy #12/1, Chikkabelandur, Carmelaram, post. VarthurHobli. Bangalore- 560035. India	India	India
Dr. Jyoti Choubey	Asst.Prof. Department of P.G.Studies and Research in Chemistry and Pharmacy Rani Durgavati Vishwavidyalaya Jabalpur 482002, Madhya Pradesh, India	India	India
Dr. Santosh Kumar Verma	Associate Professor School of Chemistry and Chemical Engineering, Yulin University, Yulin 719000, Shaanxi, P. R. China	China	India
Dr. Arun Kumar Kashyap	Assistant Professor Govt. E Raghavendra Rao PG. Science College, Pin- 495001, Bilaspur, Chhattisgarh, India	India	India
Ms. Makwana Rajeshreebahen Pravinkumar	Research Scholar Dharmsinh Desai University, Nadiad, Gujarat, India Pin - 387 001	India	India
Dr. S.K. Lanjhiyana	Asst. Professor, SLT Institute of Pharmaceutical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, 495009, Chhattisgarh, India	India	India
Dr. Sweety Lanjhiyana	Professor, School of Pharmacy, Chouksey Engineering College, Bilaspur 495001, Chhattisgarh, India	India	India
Dr. Rameshwari Verma	Associate Professor School of Chemistry and Chemical Engineering, Yulin University, Yulin 719000, Shaanxi, P. R. China	China	India

Abstract:

ABSTRACT DISSOLUTION IMPROVEMENT OF GLIMEPIRIDE AND OLANZAPINE USING KETOROLAC TROMETHAMINE A method for dissolution improvement of glimepiride and olanzapine using ketorolac tromethamine. The method includes weighing a Glimepiride and PVPK and pulverized and mixed thoroughly by light trituration for 5 min in a mortar and carrying out the effect of concentrations of PVPK 90 on the equilibration solubility of glimepiride in phosphate buffer pH 7.4 at room temperature by adding an excess of drug (50 mg) into a screw-capped glass vial containing 10 mL of phosphate buffer pH 7.4 and various amounts of the carrier. Determining the assay of glimepiride spectrophotometrically at 226 nm, a wave length at which PVPK 90 does not interfere. Weighing the SDs or PMs equivalent to 10 mg of glimepiride using a digital balance (Ohaus Corp) and added into the dissolution medium. Obtaining an indication of the process of transfer of glimepiride from pure water to the aqueous solution of PVPK from the values of Gibbs free energy change. FIG.1

Complete Specification

Description:DISSOLUTION IMPROVEMENT OF GLIMEPIRIDE AND OLANZAPINE USING KETOROLAC TROMETHAMINE

BACKGROUND

Technical Field

[0001] The embodiments herein generally relate to a dissolution improvement of glimepiride and olanzapine and, more particularly, relate to the dissolution improvement of glimepiride and olanzapine using ketorolac tromethamine.

Description of the Related Art

[0002] Glimepiride, 1-(p-(2-(3-ethyl-4-methyl-2-oxo-3-pyrroline-1-carboxamido) ethyl) phenyl) sulfonyl)-3-(trans-4-methylcyclohexyl) urea is a third generation of hypoglycemic sulfonylurea which is useful in the treatment of non-insulin dependent diabetes mellitus 1, 2 (NIDDM). Prior reports reveal that the drug shows more potential benefits over currently available sulfonylureas such as lower dose, rapid onset of action, longer duration of action and lower insulin C-peptide 3, 4 level. Glimepiride is a white crystalline powder, relatively insoluble in water (pKa=6.2). Glimepiride exhibits slow GI absorption rate and inter individual variations in its bioavailability due to its poor water 1, 5, 6 solubility. From an economic point of view, low bio-availability of drug leads to wastage of more amount of drug after oral administration, in case of costly drug increases cost of formulation.

[0003] The approach solid dispersion has been used to increase water solubility and dissolution rate of poorly water-soluble drug and to solve bio-availability problems. Ammar et al., reported that the bioavailability and stability of glimepiride can be 7, 8 enhanced in its complex form with β -cyclodextrin. However, there is no report on the preparation and evaluation of glimepiride solid dispersion with polvinylpyrrolidone K 90. In our previous studv. the potentiality of improvement of solubility and dissolution

[View Application Status](#)



राष्ट्रीय मतदाता सेवा पोर्टल
NATIONAL VOTERS' SERVICES PORTAL

Terms & conditions (<http://ipindia.gov.in/terms-conditions.htm>) Privacy Policy (<http://ipindia.gov.in/privacy-policy.htm>) Copyright (<http://ipindia.gov.in/copyright.htm>)
Hyperlinking Policy (<http://ipindia.gov.in/hyperlinking-policy.htm>) Accessibility (<http://ipindia.gov.in/accessibility.htm>) Archive (<http://ipindia.gov.in/archive.htm>)
Contact Us (<http://ipindia.gov.in/contact-us.htm>) Help (<http://ipindia.gov.in/help.htm>)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019



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>)



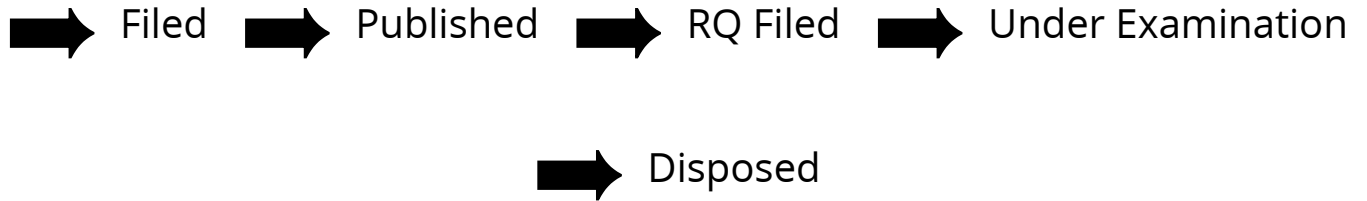
(<http://ipindia.nic.in/index.htm>)

Application Details

APPLICATION NUMBER	202221048411
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	25/08/2022
APPLICANT NAME	1 . Dr. Sabahuddin Siddique 2 . Dr. Paramita Das 3 . Dr. A. Muthukumar 4 . Dr.Mohd.Washid Khan 5 . Mrs. Anjali Nayak 6 . Dr. Jyoti Choubey 7 . Dr. Santosh Kumar Verma 8 . Dr. Arun Kumar Kashyap 9 . Ms. Makwana Rajeshreebahren Pravinkumar 10 . Dr. S.K. Lanjhiyana 11 . Dr. Sweety Lanjhiyana 12 . Dr. Rameshwari Verma
TITLE OF INVENTION	DISSOLUTION IMPROVEMENT OF GLIMEPIRIDE AND OLANZAPINE USING KETOROLAC TROMETHAMINE
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	vaagaiip@gmail.com
ADDITIONAL-EMAIL (As Per Record)	vaagaiip@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	09/09/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination[View Documents](#)

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

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<shttp://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

[Skip to Main Content](#)



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



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

Patent Search

Invention Title	FORMULATION AND ESTIMATION OF WEAKLY SOLUBLE DRUGS USING NEW NATURAL POLYMER		
Publication Number	36/2022		
Publication Date	09/09/2022		
Publication Type	INA		
Application Number	202221048369		
Application Filing Date	25/08/2022		
Priority Number			
Priority Country			
Priority Date			
Field Of Invention	CHEMICAL		
Classification (IPC)	A61K0009140000, A61K0009160000, B29B0009060000, A61M0016100000, G01N0025040000		
Inventor			
Name	Address	Country	Nationality
Dr. Shailendra Singh Narwariya	Principal of ITM, SOP (ITM University) Gwalior-474001, Madhya Pradesh, India	India	India
Dr. Naidu Narapusetty	Principal Bellamkonda Institute of Technology and Science, Podili-523240, Prakasam-Dt, Andhra pradesh, India	India	India
Dr. Ravindra Bhimraj Laware	Professor, Sandeep foundation's Sandeep institute of Pharmaceutical Sciences, Trambakeshwar Rd, Nashik- 422213, Maharashtra, India	India	India
Dr. Abhijeet A Jondhale	Assistant Professor, Dr.Kolpe Institute of Pharmacy, Kolpewadi, Tal: Kopargaon, Dist: Ahmednagar, Maharashtra - 423602	India	India
Dr. Kuntal Das	Professor, Department of Pharmacognosy and Phytochemistry Krupanidhi College of Pharmacy #12/1, Chikkabelandur, Carmelaram, post. Varthur Hobli. Bangalore- 560035. India	India	India
Dr. Sayani Bhattacharyya	Associate Professor, Department of Pharmaceutics, Krupanidhi College of Pharmacy #12/1, Chikkabelandur, Carmelaram, post. Varthur Hobli. Bangalore- 560035. India	India	India
Dr. Vivekanand Ankush Kashid	Principal, Dr. Kolpe Institute of Pharmacy, Kolpewadi, Tal. Kopargaon, Dist: Ahmednagar -423602, Maharashtra, -India	India	India
Dr. Sandeep Kumar Goyal	Professor & Head, Department of Pharmacology, Akal College of Pharmacy and Technical Education, Pin-148001 Mastuana Sahib (Sangrur) (Punjab)	India	India
Dr. S.K. Lanjhiyana	Asst. Professor, SLT Institute of Pharmaceutical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, 495009, Chattisgarh, India	India	India
Dr. Sweety Lanjhiyana	Professor, School of Pharmacy, Chouksey Engineering College, Bilaspur 495001, Chattisgarh, India	India	India
Ms. Sonika Shrivastav	PhD scholar of BN University, Assistant Professor of Pharmacology, SGT University, Gurugram, Haryana, India	India	India
Mr. Akash Shivaji Gujar	Lecturer Dr. Kolpe Institute of Pharmacy, Kolpewadi, Tal.Kopargaon, Dist.Ahmednagar 423602, Maharashtra, India	India	India
Applicant			

Name	Address	Country	Nationality
Dr. Shailendra Singh Narwariya	Principal of ITM, SOP (ITM University) Gwalior-474001, Madhya Pradesh, India	India	India
Dr. Naidu Narapusetty	Principal Bellamkonda Institute of Technology and Science, Podili-523240, Prakasam-Dt, Andhra pradesh, India	India	India
Dr. Ravindra Bhimraj Laware	Professor, Sandeep foundation's Sandeep institute of Pharmaceutical Sciences, Trambakeshwar Rd, Nashik- 422213, Maharashtra, India	India	India
Dr. Abhijeet A Jondhale	Assistant Professor, Dr.Kolpe Institute of Pharmacy, Kolpewadi, Tal: Kopargaon, Dist: Ahmednagar, Maharashtra - 423602	India	India
Dr. Kuntal Das	Professor, Department of Pharmacognosy and Phytochemistry Krupanidhi College of Pharmacy #12/1, Chikkabelandur, Carmelaram, post. Varthur Hobli. Bangalore- 560035. India	India	India
Dr. Sayani Bhattacharyya	Associate Professor, Department of Pharmaceutics, Krupanidhi College of Pharmacy #12/1, Chikkabelandur, Carmelaram, post. Varthur Hobli. Bangalore- 560035. India	India	India
Dr. Vivekanand Ankush Kashid	Principal, Dr. Kolpe Institute of Pharmacy, Kolpewadi, Tal. Kopargaon, Dist: Ahmednagar -423602, Maharashtra, -India	India	India
Dr. Sandeep Kumar Goyal	Professor & Head, Department of Pharmacology, Akal College of Pharmacy and Technical Education, Pin-148001 Mastuana Sahib (Sangrur) (Punjab)	India	India
Dr. S.K. Lanjhiyana	Asst. Professor, SLT Institute of Pharmaceutical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, 495009, Chattisgarh, India	India	India
Dr. Sweety Lanjhiyana	Professor, School of Pharmacy, Chouksey Engineering College, Bilaspur 495001, Chattisgarh, India	India	India
Ms. Sonika Shrivastav	PhD scholar of BN University, Assistant Professor of Pharmacology, SGT University, Gurugram, Haryana, India	India	India
Mr. Akash Shivaji Gujar	Lecturer Dr. Kolpe Institute of Pharmacy, Kolpewadi, Tal.Kopargaon, Dist.Ahmednagar 423602, Maharashtra, India	India	India

Abstract:

ABSTRACT FORMULATION AND ESTIMATION OF WEAKLY SOLUBLE DRUGS USING NEW NATURAL POLYMER A method for formulation and estimation of weakly soluble drugs using new natural polymer. The method includes (i) applying a hot melt extrusion (HME) heat and pressure to melt a polymer and force it through an orifice in a continuous process, (ii) producing polymer products of uniform shape and density and this technology shows numerous benefits over traditional methods, including shorter processing times, environmental advantages due to the elimination of solvents and the more efficient delivery of drugs to patients, (iii) pre-formulation involves the application of biopharmaceutical principles to the physicochemical parameters of drug substance are characterized to design optimum drug delivery system, (iv) determining eprosartan melting point by the insertion of the capillary in the paraffin bath, and the melting temperature was recorded electronically, (v) using the potassium bromide (KBr) disk method for the preparation of the sample. The samples were ground gently with anhydrous KBr and compressed to form a pellet. FIG.1

Complete Specification

Description:FORMULATION AND ESTIMATION OF WEAKLY SOLUBLE DRUGS USING NEW NATURAL POLYMER

BACKGROUND**Technical Field**

[0001] The embodiments herein generally relate to a formulation and estimation of weakly soluble drug and, more particularly, relate to the formulation and estimation of weakly soluble drugs using new natural polymer.

Description of the Related Art

[0002] The drug may be administered by a variety of routes but oral administration is adopted wherever possible. It is safest, easiest and most economical route of drug administration¹. Sustained release technology is a relatively new field and as a consequence, research in the field has been extremely fertile and has produced many discoveries. New and more sophisticated sustained release drug delivery system constantly being developed and tested². Diclofenac sodium is an acetic acid nonsteroidal anti-inflammatory drug (NSAID) with analgesic and antipyretic properties. Diclofenac sodium is used to treat pain, dysmenorrhea, ocular inflammation, osteoarthritis, rheumatoid arthritis, ankylosing spondylitis, and actinic keratosis³. Diclofenac sodium is rapidly and completely absorbed after oral administration, peak plasma concentrations are reached 1 to 3hr after an oral dose (C_{max})⁴. The plasma elimination half-life of Diclofenac sodium is approximately 3-4 hour and the frequency of dosing is high. So by formulating it into a sustained release formulation we can reduce dosing frequency to improve the patient compliance and to reduce the systemic side effects.

[View Application Status](#)



Terms & conditions (<http://ipindia.gov.in/terms-conditions.htm>) Privacy Policy (<http://ipindia.gov.in/privacy-policy.htm>) Copyright (<http://ipindia.gov.in/copyright.htm>)

Hyperlinking Policy (<http://ipindia.gov.in/hyperlinking-policy.htm>) Accessibility (<http://ipindia.gov.in/accessibility.htm>) Archive (<http://ipindia.gov.in/archive.htm>)

Contact Us (<http://ipindia.gov.in/contact-us.htm>) Help (<http://ipindia.gov.in/help.htm>)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019



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>)



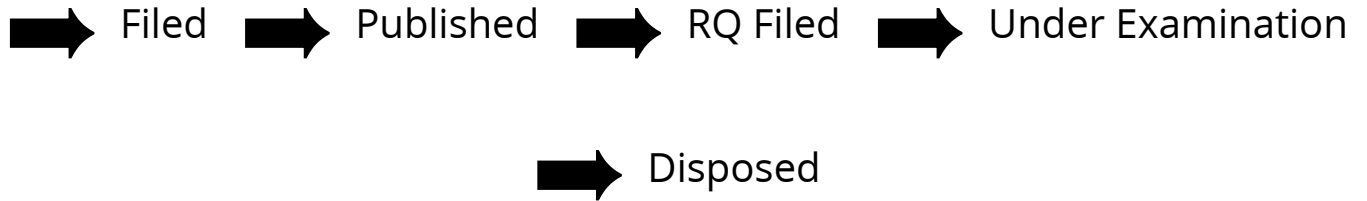
(<http://ipindia.nic.in/index.htm>)

Application Details

APPLICATION NUMBER	202221048369
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	25/08/2022
APPLICANT NAME	1 . Dr. Shailendra Singh Narwariya 2 . Dr. Naidu Narapusetty 3 . Dr. Ravindra Bhimraj Laware 4 . Dr. Abhijeet A Jondhale 5 . Dr. Kuntal Das 6 . Dr. Sayani Bhattacharyya 7 . Dr. Vivekanand Ankush Kashid 8 . Dr. Sandeep Kumar Goyal 9 . Dr. S.K. Lanjhiyana 10 . Dr. Sweety Lanjhiyana 11 . Ms. Sonika Shrivastav 12 . Mr. Akash Shivaji Gujar
TITLE OF INVENTION	FORMULATION AND ESTIMATION OF WEAKLY SOLUBLE DRUGS USING NEW NATURAL POLYMER
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	vaagaiip@gmail.com
ADDITIONAL-EMAIL (As Per Record)	vaagaiip@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	09/09/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination[View Documents](#)

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

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<shttp://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

[Skip to Main Content](#)



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



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

Patent Search

Invention Title	VULNERABILITIES OF CERVICAL CANCER AND ELECTRIC FIELD THERAPY TO DISRUPT CANCER		
Publication Number	36/2022		
Publication Date	09/09/2022		
Publication Type	INA		
Application Number	202231047548		
Application Filing Date	22/08/2022		
Priority Number			
Priority Country			
Priority Date			
Field Of Invention	BIO-CHEMISTRY		
Classification (IPC)	C12Q0001688600, A61N0001360000, A61N0001320000, A61K0039000000, G01N0033574000		
Inventor			
Name	Address	Country	Nationality
Mr. Mukesh Thakur	Asst. Professor, Tetri Chandravanshi Pharmacy College, Bishrampur, Palamu - 822132 Jharkhand, India	India	India
Dr. Arun Kumar Kashyap	Assistant Professor Govt. E Raghavendra Rao PG. Science College, Bilaspur- 495001, Chattisgarh, India	India	India
Dr. S.K. Lanjhiyana	Asst. Professor, SLT Institute of Pharmaceutical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, 495009, Chattisgarh, India	India	India
Dr. Sweety Lanjhiyana	Professor, School of Pharmacy, Chouksey Engineering College, Bilaspur 495001, Chattisgarh, India	India	India
Dr. Santosh Kumar Verma	Associate Professor School of Chemistry and Chemical Engineering, Yulin University, Yulin 719000, Shaanxi, P. R. China	China	China
Dr. Rameshwari Verma	Associate Professor School of Chemistry and Chemical Engineering, Yulin University, Yulin 719000, Shaanxi, P. R. China	China	China
Mr. Kamal	Senior Research Fellow Department of Chemistry, Indian Institute of Technology Jammu, Jammu 181221, India	India	India
Dr. Piyush Kumar Thakur	Assistant Professor Faculty of Science, The ICFAI University, Raipur, Chattisgarh 492001 India.	India	India
Dr. Kratika Daniel	Professor Faculty of Pharmacy, Oriental University, Indore- 453555, Madhya Pradesh, India	India	India
Dr. Vivek Daniel	Principal and Professor NTVS Institute of Pharmacy, Nandurbar- 425412, Maharashtra, India	India	India
Dr. Radha Krishnan	Assistant Professor MATS University, Raipur, Chattisgarh 492001, India	India	India
Dr. Deepak Prashar	Associate Professor, Green Hills Pharmacy College Solan- 173212 Himachal Pradesh-India	India	India
Applicant			
Name	Address	Country	Nationality
Mr. Mukesh Thakur	Asst. Professor, Tetri Chandravanshi Pharmacy College, Bishrampur, Palamu - 822132 Jharkhand, India	India	India
Dr. Arun Kumar Kashyap	Assistant Professor Govt. E Raghavendra Rao PG. Science College, Bilaspur- 495001, Chattisgarh, India	India	India
Dr. S.K. Lanjhiyana	Asst. Professor, SLT Institute of Pharmaceutical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, 495009, Chattisgarh, India	India	India
Dr. Sweety Lanjhiyana	Professor, School of Pharmacy, Chouksey Engineering College, Bilaspur 495001, Chattisgarh, India	India	India
Dr. Santosh Kumar Verma	Associate Professor School of Chemistry and Chemical Engineering, Yulin University, Yulin 719000, Shaanxi, P. R. China	China	China
Dr. Rameshwari Verma	Associate Professor School of Chemistry and Chemical Engineering, Yulin University, Yulin 719000, Shaanxi, P. R. China	China	China
Mr. Kamal	Senior Research Fellow Department of Chemistry, Indian Institute of Technology Jammu, Jammu 181221, India	India	India
Dr. Piyush Kumar Thakur	Assistant Professor Faculty of Science, The ICFAI University, Raipur, Chattisgarh 492001 India.	India	India
Dr. Kratika Daniel	Professor Faculty of Pharmacy, Oriental University, Indore- 453555, Madhya Pradesh, India	India	India
Dr. Vivek Daniel	Principal and Professor NTVS Institute of Pharmacy, Nandurbar- 425412, Maharashtra, India	India	India
Dr. Radha Krishnan	Assistant Professor MATS University, Raipur, Chattisgarh 492001, India	India	India
Dr. Deepak Prashar	Associate Professor, Green Hills Pharmacy College Solan- 173212 Himachal Pradesh-India	India	India

Abstract:

ABSTRACT VULNERABILITIES OF CERVICAL CANCER AND ELECTRIC FIELD THERAPY TO DISRUPT CANCER A method for vulnerabilities of cervical cancer and electric field therapy to disrupt cancer. Identifying a natural history pathway includes the following necessary and reliably measured stages/states in the development of cervical cancer. The infection with a specific type of carcinogenic or "high-risk" (hr) HPV. Precancer, which we define as a persistent, transforming HPV infection associated with lesions at a high likelihood of invasion if left untreated; and invasive cervical cancer. Both "precancer" and "cancer" are divided into predominant squamous versus less common glandular pathways. At least two protein complexes have been proposed as TFields' molecular targets, including α/β -tubulin and the septin heterotrimer. FIG. 1

Complete Specification

Description:VULNERABILITIES OF CERVICAL CANCER AND ELECTRIC FIELD THERAPY TO DISRUPT CANCER

BACKGROUND

Technical Field

[0001] The embodiments herein generally relate to a vulnerabilities of cervical cancer and, more particularly, relate to the vulnerabilities of cervical cancer and electric field therapy to disrupt cancer.

Description of the Related Art

[0002] Cervical cancer is among the most frequent cancer types in women worldwide. Radiotherapy, including external beam radiation and brachytherapy, is one of the commonly used treatment options for cervical cancer. However, the adverse effects of radiation therapy on cervical cancer survival have been poorly investigated with inconclusive results. Therefore, the aim of this study was to determine the suitable radiotherapy modality according to patients' characteristics. A retrospective survival analysis of 44,602 patients was performed using the Surveillance, Epidemiology, and End Results (SEER) database. Multivariate proportional hazard Cox model was used to evaluate the prognostic impact of different radiotherapy modalities, primary surgery, age, TNM stage, and tumor size. Our results indicated that patients without primary surgery, diagnosed at older age (≥ 45 years' old), at advanced TNM stages (III/IV) or with larger tumor size (≥ 3 cm) could benefit from radiotherapy. However, radiotherapy was detrimental in patients with primary surgery, diagnosed at younger age (< 45 years' old), at earlier TNM stages (I/II) or with smaller tumor size (< 3 cm). In addition, external beam radiation was in most cases less effective compared with combined external beam and brachytherapy. These results highlighted the necessity of realizing personalized radiotherapy treatments for patients with cervical cancer.

[View Application Status](#)



[Terms & conditions \(http://ipindia.gov.in/terms-conditions.htm\)](http://ipindia.gov.in/terms-conditions.htm) [Privacy Policy \(http://ipindia.gov.in/privacy-policy.htm\)](http://ipindia.gov.in/privacy-policy.htm) [Copyright \(http://ipindia.gov.in/copyright.htm\)](http://ipindia.gov.in/copyright.htm)

[Hyperlinking Policy \(http://ipindia.gov.in/hyperlinking-policy.htm\)](http://ipindia.gov.in/hyperlinking-policy.htm) [Accessibility \(http://ipindia.gov.in/accessibility.htm\)](http://ipindia.gov.in/accessibility.htm) [Archive \(http://ipindia.gov.in/archive.htm\)](http://ipindia.gov.in/archive.htm)

[Contact Us \(http://ipindia.gov.in/contact-us.htm\)](http://ipindia.gov.in/contact-us.htm) [Help \(http://ipindia.gov.in/help.htm\)](http://ipindia.gov.in/help.htm)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019



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

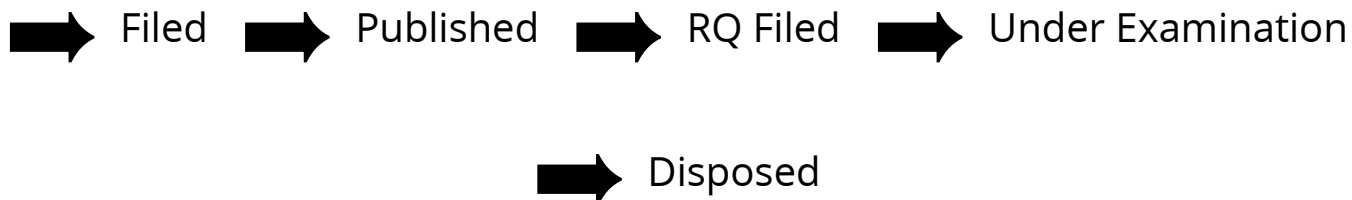
APPLICATION NUMBER	202231047548
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	22/08/2022
APPLICANT NAME	1 . Mr. Mukesh Thakur 2 . Dr. Arun Kumar Kashyap 3 . Dr. S.K. Lanjhiyana 4 . Dr. Sweety Lanjhiyana 5 . Dr. Santosh Kumar Verma 6 . Dr. Rameshwari Verma 7 . Mr. Kamal 8 . Dr. Piyush Kumar Thakur 9 . Dr. Kratika Daniel 10 . Dr. Vivek Daniel 11 . Dr. Radha Krishnan 12 . Dr. Deepak Prashar
TITLE OF INVENTION	VULNERABILITIES OF CERVICAL CANCER AND ELECTRIC FIELD THERAPY TO DISRUPT CANCER
FIELD OF INVENTION	BIO-CHEMISTRY
E-MAIL (As Per Record)	vaagaiip@gmail.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	09/09/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination

[View Documents](#)



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

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<shttp://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

[Skip to Main Content](#)



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



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

Patent Search

Invention Title	VULNERABILITIES OF CERVICAL CANCER AND ELECTRIC FIELD THERAPY TO DISRUPT CANCER
Publication Number	36/2022
Publication Date	09/09/2022
Publication Type	INA
Application Number	202231047425
Application Filing Date	20/08/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	BIO-CHEMISTRY
Classification (IPC)	C12Q0001688600, A61N0001360000, A61N0001320000, A61K0039000000, G01N0033574000

Inventor

Name	Address	Country	Nationality
Mr. Mukesh Thakur	Asst. Professor, Tetri Chandravanshi Pharmacy College, Bishrampur, Palamu - 822132 Jharkhand, India	India	India
Dr. Arun Kumar Kashyap	Assistant Professor Govt. E Raghavendra Rao PG. Science College, Bilaspur- 495001, Chhattisgarh, India	India	India
Dr. S.K. Lanjhiyana	Asst. Professor, SLT Institute of Pharmaceutical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, 495009, Chhattisgarh, India	India	India
Dr. Sweety Lanjhiyana	Professor, School of Pharmacy, Chouksey Engineering College, Bilaspur 495001, Chhattisgarh, India	India	India
Dr. Santosh Kumar Verma	Associate Professor School of Chemistry and Chemical Engineering, Yulin University, Yulin 719000, Shaanxi, P. R. China	India	India
Dr. Rameshwari Verma	Associate Professor School of Chemistry and Chemical Engineering, Yulin University, Yulin 719000, Shaanxi, P. R. China	India	India
Mr. Kamal	Senior Research Fellow Department of Chemistry, Indian Institute of Technology Jammu, Jammu 181221, India	India	India
Dr. Piyush Kumar Thakur	Assistant Professor Faculty of Science, The ICFAI University, Raipur, Chhattisgarh 492001 India.	India	India
Dr. Kratika Daniel	Professor Faculty of Pharmacy, Oriental University, Indore- 453555, Madhya Pradesh, India	India	India
Dr. Vivek Daniel	Principal and Professor NTVS Institute of Pharmacy, Nandurbar- 425412, Maharashtra, India	India	India
Dr. Radha Krishnan	Assistant Professor MATS University, Raipur, Chhattisgarh 492001, India.	India	India
Ms. Anita Gajbhiye	Associate Professor, Green Hills Pharmacy College Solan- 173212 Himachal Pradesh-India	India	India

Applicant

Name	Address	Country	Nationality
Mr. Mukesh Thakur	Asst. Professor, Tetri Chandravanshi Pharmacy College, Bishrampur, Palamu - 822132 Jharkhand, India	India	India
Dr. Arun Kumar Kashyap	Assistant Professor Govt. E Raghavendra Rao PG. Science College, Bilaspur- 495001, Chhattisgarh, India	India	India
Dr. S.K. Lanjhiyana	Asst. Professor, SLT Institute of Pharmaceutical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, 495009, Chhattisgarh, India	India	India
Dr. Sweety Lanjhiyana	Professor, School of Pharmacy, Chouksey Engineering College, Bilaspur 495001, Chhattisgarh, India	India	India
Dr. Santosh Kumar Verma	Associate Professor School of Chemistry and Chemical Engineering, Yulin University, Yulin 719000, Shaanxi, P. R. China	China	India
Dr. Rameshwari Verma	Associate Professor School of Chemistry and Chemical Engineering, Yulin University, Yulin 719000, Shaanxi, P. R. China	China	India
Mr. Kamal	Senior Research Fellow Department of Chemistry, Indian Institute of Technology Jammu, Jammu 181221, India	India	India
Dr. Piyush Kumar Thakur	Assistant Professor Faculty of Science, The ICFAI University, Raipur, Chhattisgarh 492001 India.	India	India
Dr. Kratika Daniel	Professor Faculty of Pharmacy, Oriental University, Indore- 453555, Madhya Pradesh, India	India	India
Dr. Vivek Daniel	Principal and Professor NTVS Institute of Pharmacy, Nandurbar- 425412, Maharashtra, India	India	India
Dr. Radha Krishnan	Assistant Professor MATS University, Raipur, Chhattisgarh 492001, India.	India	India
Ms. Anita Gajbhiye	Associate Professor, Green Hills Pharmacy College Solan- 173212 Himachal Pradesh-India	India	India

Abstract:

VULNERABILITIES OF CERVICAL CANCER AND ELECTRIC FIELD THERAPY TO DISRUPT CANCER A method for vulnerabilities of cervical cancer and electric field therapy to disrupt cancer. Identifying a natural history pathway includes the following necessary and reliably measured stages/states in the development of cervical cancer. The infection with a specific type of carcinogenic or "high-risk" (hr) HPV. Precancer, which we define as a persistent, transforming HPV infection associated with lesions at a high likelihood of invasion if left untreated; and invasive cervical cancer. Both "precancer" and "cancer" are divided into predominant squamous versus less common glandular pathways. At least two protein complexes have been proposed as TFields' molecular targets, including α/β -tubulin and the septin heterotrimer. FIG.1

Complete Specification

Description:VULNERABILITIES OF CERVICAL CANCER AND ELECTRIC FIELD THERAPY TO DISRUPT CANCER

BACKGROUND

Technical Field

[0001] The embodiments herein generally relate to a vulnerabilities of cervical cancer and, more particularly, relate to the vulnerabilities of cervical cancer and electric field therapy to disrupt cancer.

Description of the Related Art

[0002] Cervical cancer is among the most frequent cancer types in women worldwide. Radiotherapy, including external beam radiation and brachytherapy, is one of the commonly used treatment options for cervical cancer. However, the adverse effects of radiation therapy on cervical cancer survival have been poorly investigated with inconclusive results. Therefore, the aim of this study was to determine the suitable radiotherapy modality according to patients' characteristics. A retrospective survival analysis of 44,602 patients was performed using the Surveillance, Epidemiology, and End Results (SEER) database. Multivariate proportional hazard Cox model was used to evaluate the prognostic impact of different radiotherapy modalities, primary surgery, age, TNM stage, and tumor size. Our results indicated that patients without primary surgery, diagnosed at older age (≥ 45 years' old), at advanced TNM stages (III/IV) or with larger tumor size (≥ 3 cm) could benefit from radiotherapy. However, radiotherapy was detrimental in patients with primary surgery, diagnosed at younger age (< 45 years' old), at earlier TNM stages (I/II) or with smaller tumor size (< 3 cm). In addition, external beam radiation was in most cases less effective compared with combined external beam and brachytherapy. These results highlighted the necessity of realizing personalized radiotherapy treatments for patients with cervical cancer.

[View Application Status](#)



[Terms & conditions \(http://ipindia.gov.in/terms-conditions.htm\)](http://ipindia.gov.in/terms-conditions.htm) [Privacy Policy \(http://ipindia.gov.in/privacy-policy.htm\)](http://ipindia.gov.in/privacy-policy.htm) [Copyright \(http://ipindia.gov.in/copyright.htm\)](http://ipindia.gov.in/copyright.htm)

[Hyperlinking Policy \(http://ipindia.gov.in/hyperlinking-policy.htm\)](http://ipindia.gov.in/hyperlinking-policy.htm) [Accessibility \(http://ipindia.gov.in/accessibility.htm\)](http://ipindia.gov.in/accessibility.htm) [Archive \(http://ipindia.gov.in/archive.htm\)](http://ipindia.gov.in/archive.htm)

[Contact Us \(http://ipindia.gov.in/contact-us.htm\)](http://ipindia.gov.in/contact-us.htm) [Help \(http://ipindia.gov.in/help.htm\)](http://ipindia.gov.in/help.htm)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019



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

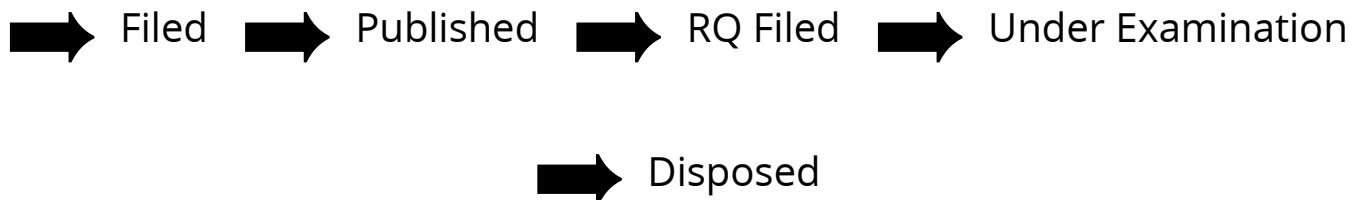
APPLICATION NUMBER	202231047425
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	20/08/2022
APPLICANT NAME	1 . Mr. Mukesh Thakur 2 . Dr. Arun Kumar Kashyap 3 . Dr. S.K. Lanjhiyana 4 . Dr. Sweety Lanjhiyana 5 . Dr. Santosh Kumar Verma 6 . Dr. Rameshwari Verma 7 . Mr. Kamal 8 . Dr. Piyush Kumar Thakur 9 . Dr. Kratika Daniel 10 . Dr. Vivek Daniel 11 . Dr. Radha Krishnan 12 . Ms. Anita Gajbhiye
TITLE OF INVENTION	VULNERABILITIES OF CERVICAL CANCER AND ELECTRIC FIELD THERAPY TO DISRUPT CANCER
FIELD OF INVENTION	BIO-CHEMISTRY
E-MAIL (As Per Record)	vaagaiip@gmail.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	09/09/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination

[View Documents](#)



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

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<http://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

[Skip to Main Content](#)



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



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

Patent Search

Invention Title	DEVELOPING A DRUG FOR ATOPIC DERMATITIS AND ALLERGIC DISORDERS USING CRISABOROLE AND VOCLOSPORINS		
Publication Number	34/2022		
Publication Date	26/08/2022		
Publication Type	INA		
Application Number	202211046236		
Application Filing Date	13/08/2022		
Priority Number			
Priority Country			
Priority Date			
Field Of Invention	CHEMICAL		
Classification (IPC)	A61K0031690000, C07F0005020000, A61K0036185000, G16H0010200000, G16H0010400000		
Inventor			
Name	Address	Country	Nationality
Dr. Shravan Kumar Paswan	Founder President, Pharma Talk Research Foundation, Grah Enclave Phase-3, Tiwariganj, Lucknow-226028, Uttar Pradesh, India	India	India
Dr. Pritt Verma	Associate Professor Goel Institute of Pharmacy and Sciences, Lucknow-226010, Uttar Pradesh, India	India	India
Dr. S.K. Lanjhiyana	Asst. Professor, SLT Institute of Pharmaceutical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, 495009, Chattisgarh, India	India	India
Dr. Sweety Lanjhiyana	Professor, School of Pharmacy, Chouksey Engineering College, Bilaspur 495001, Chattisgarh, India	India	India
Mr. Dilend patle	Assistant Professor, Department of Pharmacy Shri Rawatpura Sarkar Institute of Pharmacy Jabalpur Madhya Pradesh, India	India	India
Dr. Kamal Singh Rathore	Associate Professor, Bhupal Nobles' College of Pharmacy, Udaipur-Rajasthan 313001	India	India
Dr.Mohd.Washid Khan	Principal. Department of P.G.Studies and Research in Chemistry and Pharmacy Rani Durgavati Vishwavidyalaya Jabalpur Madhya Pradesh, India	India	India
Mr. Pandya Yogi Umeshbhai	Research Scholar & Asst Professor, School of Pharmaceutical Sciences, Atmiya University, Rajkot, 302 Shivanjali Flats, Jyotinagar Main Road, Nr Ioc Qrtrs, Kalawad Road Rajkot, Pin- 360005 Gujarat, India	India	India
Dr. Anubhuti Jha	Assistant professor Department of biotechnology St. Thomas College Bhilai, Chattisgarh	India	India
Ms. Anju Daharia	Assistant Professor, Faculty of Pharmaceutical Sciences, Shri Shankaracharya Technical Campus, Bhilai, Pin- 490020 Dis- Durg, Chattisgarh	India	India
Dr. Anjana Bhardwaj	Principal, Millennium college of pharmacy and science Bhopal Madhya Pradesh, India	India	India
Dr. Sandeep Kumar Goyal	Professor & Head, Department of Pharmacology, Akal College of Pharmacy and Technical Education, Pin-148001 Mastuana Sahib (Sangrur) (Punjab)	India	India
Applicant			

Name	Address	Country	Nationality
Dr. Shравan Kumar Paswan	Founder President, Pharma Talk Research Foundation, Grah Enclave Phase-3, Tiwariganj, Lucknow-226028, Uttar Pradesh, India	India	India
Dr. Pritt Verma	Associate Professor Goel Institute of Pharmacy and Sciences, Lucknow-226010, Uttar Pradesh, India	India	India
Dr. S.K. Lanjhiyana	Asst. Professor, SLT Institute of Pharmaceutical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, 495009, Chattisgarh, India	India	India
Dr. Sweety Lanjhiyana	Professor, School of Pharmacy, Chouksey Engineering College, Bilaspur 495001, Chattisgarh, India	India	India
Mr. Dilend patle	Assistant Professor, Department of Pharmacy Shri Rawatpura Sarkar Institute of Pharmacy Jabalpur Madhya Pradesh, India	India	India
Dr. Kamal Singh Rathore	Associate Professor, Bhupal Nobles' College of Pharmacy, Udaipur-Rajasthan 313001	India	India
Dr.Mohd.Washid Khan	Principal. Department of P.G.Studies and Research in Chemistry and Pharmacy Rani Durgavati Vishwavidyalaya Jabalpur Madhya Pradesh, India	India	India
Mr. Pandya Yogi Umeshbhai	Research Scholar & Asst Professor, School of Pharmaceutical Sciences, Atmiya University, Rajkot, 302 Shivanjali Flats, Jyotinagar Main Road, Nr loc Qrtrs, Kalawad Road Rajkot, Pin- 360005 Gujarat, India	India	India
Dr. Anubhuti Jha	Assistant professor Department of biotechnology St. Thomas College Bhilai, Chattisgarh	India	India
Ms. Anju Daharia	Assistant Professor, Faculty of Pharmaceutical Sciences, Shri Shankaracharya Technical Campus, Bhilai, Pin- 490020 Dis- Durg, Chattisgarh	India	India
Dr. Anjana Bhardwaj	Principal, Millennium college of pharmacy and science Bhopal Madhya Pradesh, India	India	India
Dr. Sandeep Kumar Goyal	Professor & Head, Department of Pharmacology, Akal College of Pharmacy and Technical Education, Pin-148001 Mastuana Sahib (Sangrur) (Punjab)	India	India

Abstract:

A method for developing a drug for atopic dermatitis and allergic disorders using crisaborole and voclosporins, wherein the method comprises collecting a punch biopsy specimens for biomarker analysis at baseline; improving a crisaborole treatment resulted in early improvement in lesional signs/symptoms with improvement in pruritus; exploring to identify the optimal dose and dosing frequency, balancing benefit with risk. Ideally, dose exploration 10 should be conducted in a real-world setting, because other exposure models, such as park or inhalation chamber trials, may not be predictive of real-world clinical responses; addressing safety concerns, such as monitoring for adverse events, performing routine laboratory tests, urinalyses, and electrocardiograms, as appropriate.

Complete Specification**Technical Field**

[0001] The embodiments herein generally relate to a developing a drug for atopic dermatitis and allergic disorders and, more particularly, relate to the developing a drug for atopic dermatitis and allergic disorders using crisaborole and voclosporins.

Description of the Related Art

[0002] The skin of a subject is inhabited by a highly diverse population of microorganisms, referred to as the microbiome. The skin microbiome can play a key role in maintaining the cutaneous immune system. Additionally inflammation disorders as well as other allergic reactions can be caused by dysbiosis in the gut microbiome. So, impairment of either the skin or gut microbiomes, or combination thereof, can lead to various skin conditions and disorders. Consequently, development of microbiome therapeutic and diagnostic applications for treating microbiome-related skin conditions and disorders can be necessary.

SUMMARY

[0003] In view of the foregoing, an embodiment herein provides a method for developing a drug for atopic dermatitis and allergic disorders using crisaborole and voclosporins, wherein the method comprises collecting a punch biopsy specimens for biomarker analysis at baseline; improving a crisaborole treatment resulted in early improvement in lesional signs/symptoms with improvement in pruritus; exploring to identify the optimal dose and dosing frequency, balancing benefit with risk. Ideally, dose exploration should be conducted in a real-world setting, because other exposure models, such as park or

3 inhalation chamber trials. may not be predictive of real-world clinical responses: addressing safety concerns. such as monitoring for adverse events. performing routine

[View Application Status](#)



Terms & conditions (<http://ipindia.gov.in/terms-conditions.htm>) Privacy Policy (<http://ipindia.gov.in/privacy-policy.htm>) Copyright (<http://ipindia.gov.in/copyright.htm>)
 Hyperlinking Policy (<http://ipindia.gov.in/hyperlinking-policy.htm>) Accessibility (<http://ipindia.gov.in/accessibility.htm>) Archive (<http://ipindia.gov.in/archive.htm>)
 Contact Us (<http://ipindia.gov.in/contact-us.htm>) Help (<http://ipindia.gov.in/help.htm>)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019



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

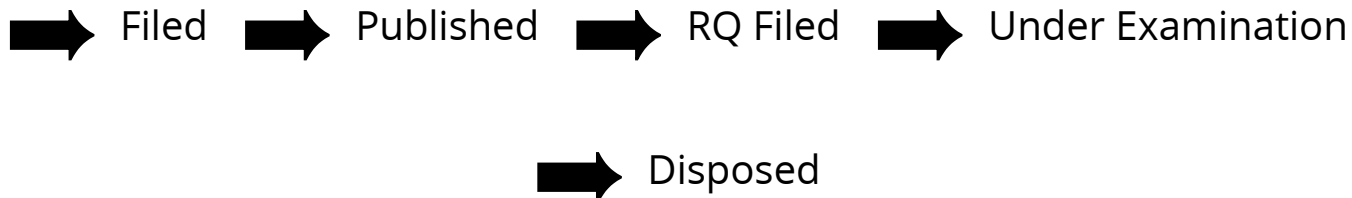
APPLICATION NUMBER	202211046236
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	13/08/2022
APPLICANT NAME	1 . Dr. Shravan Kumar Paswan 2 . Dr. Pritt Verma 3 . Dr. S.K. Lanjhiyana 4 . Dr. Sweety Lanjhiyana 5 . Mr. Dilend patle 6 . Dr. Kamal Singh Rathore 7 . Dr.Mohd.Washid Khan 8 . Mr. Pandya Yogi Umeshbhai 9 . Dr. Anubhuti Jha 10 . Ms. Anju Daharia 11 . Dr. Anjana Bhardwaj 12 . Dr. Sandeep Kumar Goyal
TITLE OF INVENTION	DEVELOPING A DRUG FOR ATOPIC DERMATITIS AND ALLERGIC DISORDERS USING CRISABOROLE AND VOCLOSPORINS
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	vaagaiip@gmail.com
ADDITIONAL-EMAIL (As Per Record)	vaagaiip@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	26/08/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination

[View Documents](#)



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

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<http://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

[Skip to Main Content](#)



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



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

Patent Search

Invention Title	A SYSTEM FOR DIAGNOSIS AND CLASSIFICATION OF BONE CANCER USING ARTIFICIAL INTELLIGENCE		
Publication Number	36/2022		
Publication Date	09/09/2022		
Publication Type	INA		
Application Number	202221046050		
Application Filing Date	12/08/2022		
Priority Number			
Priority Country			
Priority Date			
Field Of Invention	BIO-CHEMISTRY		
Classification (IPC)	G01N0033574000, G06K0009620000, A61K0036280000, G06N0020000000, G16B0020000000		
Inventor			
Name	Address	Country	Nationality
Dr. S.K. LANJHIYANA	ASSISTANT PROFESSOR, INSTITUTE OF PHARMACEUTICAL SCIENCES, GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR - 495009, CHHATTISGARH, INDIA	India	India
Dr. SWEETY LANJHIYANA	PROFESSOR, SCHOOL OF PHARMACY, CHOUKSEY ENGINEERING COLLEGE, BILASPUR - 495001, CHHATTISGARH, INDIA	India	India
PURNIMA RAI	ASSISTANT PROFESSOR, SAGAR INSTITUTE OF TECHNOLOGY AND MANAGEMENT BARABANKI PINCODE 225001	India	India
Dr. ZULFA NOOREEN	ASSISTANT PROFESSOR PRANVEER SINGH INSTITUTE OF TECHNOLOGY (PHARMACY) BHAUTI KANPUR 209305	India	India
SHUBHAM TRIPATHI	ASSISTANT PROFESSOR, CITY SCHOOL OF PHARMACY BARABANKI 225412	India	India
SONALI SINGH	ASSISTANT PROFESSOR PHARMACY SAGAR INSTITUTE OF TECHNOLOGY AND MANAGEMENT DEPARTMENT OF PHARMACY BARABANKI 225001	India	India
PRINCEE KESARWANI	ASSISTANT PROFESSOR PHARMACY, Dr. MAHENDRA KUMAR CHOTTE LAL BIND COLLEGE OF PHARMACY HANDIA PRAYAGRAJ 221503	India	India
B. SATHIYAPRASAD	ASSISTANT PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, JEPPIAR NAGAR, RAJIV GANDHI SALAI, CHENNAI - 600119.	India	India
PROF (Dr)VIVEK SINGH KUSHWAH	PROFESSOR, DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING, AMITY SCHOOL OF ENGINEERING AND TECHNOLOGY (ASET),AMITY UNIVERSITY MADHYA PRADESH GWALIOR - 474005, MADHYA PRADESH, INDIA	India	India
Dr. SAJAL KUMAR JHA	DOPT, SCHOOL OF MEDICAL SCIENCES, ADAMAS UNIVERSITY, BARASAT-BARAKPORE ROAD	India	India
Dr. DEEPAK SHARMA	DOPT, SCHOOL OF MEDICAL SCIENCES, ADAMAS UNIVERSITY, BARASAT-BARAKPORE ROAD	India	India
Dr. MANISH JAIMINI	PROFESSOR AND PRINCIPAL, DEPARTMENT OF PHARMACY, MAHARISHI ARVIND UNIVERSITY, JAIPUR, RAJASTHAN	India	India
Applicant			

Name	Address	Country	Nationality
Dr. S.K. LANJHIYANA	ASSISTANT PROFESSOR, INSTITUTE OF PHARMACEUTICAL SCIENCES, GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR - 495009, CHHATTISGARH, INDIA	India	India
Dr. SWEETY LANJHIYANA	PROFESSOR, SCHOOL OF PHARMACY, CHOUKSEY ENGINEERING COLLEGE, BILASPUR - 495001, CHHATTISGARH, INDIA	India	India
PURNIMA RAI	ASSISTANT PROFESSOR, SAGAR INSTITUTE OF TECHNOLOGY AND MANAGEMENT BARABANKI PINCODE 225001	India	India
Dr. ZULFA NOOREEN	ASSISTANT PROFESSOR PRANVEER SINGH INSTITUTE OF TECHNOLOGY (PHARMACY) BHAUTI KANPUR 209305	India	India
SHUBHAM TRIPATHI	ASSISTANT PROFESSOR, CITY SCHOOL OF PHARMACY BARABANKI 225412	India	India
SONALI SINGH	ASSISTANT PROFESSOR PHARMACY SAGAR INSTITUTE OF TECHNOLOGY AND MANAGEMENT DEPARTMENT OF PHARMACY BARABANKI 225001	India	India
PRINCEE KESARWANI	ASSISTANT PROFESSOR PHARMACY, Dr. MAHENDRA KUMAR CHOTTE LAL BIND COLLEGE OF PHARMACY HANDIA PRAYAGRAJ 221503	India	India
B. SATHIYAPRASAD	ASSISTANT PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, JEPPIAR NAGAR, RAJIV GANDHI SALAI, CHENNAI - 600119.	India	India
PROF (Dr)VIVEK SINGH KUSHWAH	PROFESSOR, DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING, AMITY SCHOOL OF ENGINEERING AND TECHNOLOGY (ASET),AMITY UNIVERSITY MADHYA PRADESH GWALIOR - 474005, MADHYA PRADESH, INDIA	India	India
Dr. SAJAL KUMAR JHA	DOPT, SCHOOL OF MEDICAL SCIENCES, ADAMAS UNIVERSITY, BARASAT-BARAKPORE ROAD	India	India
Dr. DEEPAK SHARMA	DOPT, SCHOOL OF MEDICAL SCIENCES, ADAMAS UNIVERSITY, BARASAT-BARAKPORE ROAD	India	India
Dr. MANISH JAIMINI	PROFESSOR AND PRINCIPAL, DEPARTMENT OF PHARMACY, MAHARISHI ARVIND UNIVERSITY, JAIPUR, RAJASTHAN	India	India

Abstract:

A system for diagnosis and classification of bone cancer using artificial intelligence is the proposed invention. The proposed invention focuses on designing a framework of Artificial Intelligence for analyzing the condition of bone cancer. The invention also aims at diagnosing and classifying the condition of bone cancer accurately.

Complete Specification

3

FIELD OF INVENTION

The present invention relates to the field of designing & implementing a framework of artificial intelligence to diagnose the lung cancer accurately. The proposed invention focuses on classifying the bone cancer according to its type and stages as well.

Description:[0001] Background description includes information that may be useful in understanding the present invention. It is not an admission that any of the information provided herein is prior art or relevant to the presently claimed invention, or that any publication specifically or implicitly referenced is prior art.

[0002] A bone tumour is an abnormal growth of tissue in bone traditionally classified as non-cancerous or cancerous. Cancerous bone tumour usually originates from a cancer in another part of the body such as lung, breast, thyroid, kidney and prostate. Diagnosis is generally by X-Ray and other radiological tests such as CT scan, MRI, PET scan and Bone scintigraphy. Blood tests might include a complete blood count, inflammatory markers, serum electrophoresis, PSA kidney and Liver function.

[0003] A number of different types of bone cancer analysis systems that are known in the prior art. For example, the following patents are provided for their supportive teachings and are all incorporated by reference.

[0004] WO2009084995A1 The invention relates to a detection system for automatic detection of bone cancer metastases from a set of isotope bone scan images of a patient's skeleton, the system comprising a shape identifier unit, a hotspot detection unit, a hotspot feature extraction unit, a first artificial neural network unit, a patient feature extraction unit, and a second artificial neural network unit.

[View Application Status](#)


Terms & conditions (<http://ipindia.gov.in/terms-conditions.htm>) Privacy Policy (<http://ipindia.gov.in/privacy-policy.htm>) Copyright (<http://ipindia.gov.in/copyright.htm>)
 Hyperlinking Policy (<http://ipindia.gov.in/hyperlinking-policy.htm>) Accessibility (<http://ipindia.gov.in/accessibility.htm>) Archive (<http://ipindia.gov.in/archive.htm>)
 Contact Us (<http://ipindia.gov.in/contact-us.htm>) Help (<http://ipindia.gov.in/help.htm>)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019



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

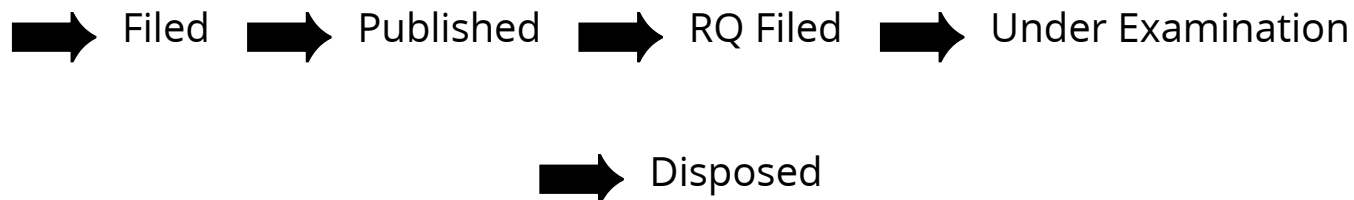
APPLICATION NUMBER	202221046050
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	12/08/2022
APPLICANT NAME	1 . Dr. S.K. LANJHIYANA 2 . Dr. SWEETY LANJHIYANA 3 . PURNIMA RAI 4 . Dr. ZULFA NOOREEN 5 . SHUBHAM TRIPATHI 6 . SONALI SINGH 7 . PRINCEE KESARWANI 8 . B. SATHIYAPRASAD 9 . PROF (Dr)VIVEK SINGH KUSHWAH 10 . Dr. SAJAL KUMAR JHA 11 . Dr. DEEPAK SHARMA 12 . Dr. MANISH JAIMINI
TITLE OF INVENTION	A SYSTEM FOR DIAGNOSIS AND CLASSIFICATION OF BONE CANCER USING ARTIFICIAL INTELLIGENCE
FIELD OF INVENTION	BIO-CHEMISTRY
E-MAIL (As Per Record)	sgowthami12@gmail.com
ADDITIONAL-EMAIL (As Per Record)	sgowthami12@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	09/09/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination

[View Documents](#)



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

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<http://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

[Skip to Main Content](#)



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



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

Patent Search

Invention Title	DEVELOPMET AND CHARACTERIZE THE ROLE OF SMALL-MOLECULE ACCUMULATION IN DRUG EXPOSURE OF ANTISEIZURE MEDICATIONS		
Publication Number	33/2022		
Publication Date	19/08/2022		
Publication Type	INA		
Application Number	202211045051		
Application Filing Date	07/08/2022		
Priority Number			
Priority Country			
Priority Date			
Field Of Invention	CHEMICAL		
Classification (IPC)	A61K0031155000, A61K0031600000, A61K0031420000, A61P0029000000, A61K0031418400		
Inventor			
Name	Address	Country	Nationality
Ms. Shabnam Thakur	Research Scholar, Amity Institute of Pharmacy, Amity university, Amity Education Valley Gurugram (Manesar), Haryana 122 413, Haryana, India	India	India
Dr. Sweety Lanjhiyana	Professor, School of Pharmacy, Chouksey Engineering College, Bilaspur 495001, Chattisgarh, India	India	India
Dr. S.K. Lanjhiyana	Asst. Professor, SLT Institute of Pharmaceutical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, 495009, Chhattisgarh, India	India	India
Dr.Mohd.Washid Khan	Principal, Department of P.G.Studies and Research in Chemistry and Pharmacy, Rani Durgavati Vishwavidyalaya Jabalpur – 482002, Madhya Pradesh, India	India	India
Dr. Aishwarya Dinakaran	Associate Professor, Department of Pharmacy practice, MRM College of pharmacy (Affiliated to JNTUH), Ibrahimpatnam, Hyderabad, Telangana 501510	India	India
Ms. Khushnuma Khan	HOD, Silicobite Katni Degree College Gyanteerth, Katni, Madhya Pradesh, India	India	India
Dr. Jyoti Choubey	Asst.Professor Department of P.G.Studies and Research in Chemistry and Pharmacy, Rani Durgavati Vishwavidyalaya Jabalpur – 482002, Madhya Pradesh, India	India	India
Mr.Chandan Singh Ahirwar	Asst.Professor Department of P.G.Studies and Research in Chemistry and Pharmacy, Rani Durgavati Vishwavidyalaya Jabalpur – 482002, Madhya Pradesh, India	India	India
Mr. Vijay singh kachawa	Assistant professor, Pacific college of pharmacy, PAHER University, Udaipur 313001	India	India
Dr. Abhishek Pandey	Assistant professor Department of P.G.Studies and Research in Chemistry and Pharmacy, Rani Durgavati Vishwavidyalaya Jabalpur – 482002, Madhya Pradesh, India	India	India
Mr. Shailendra Singh Narwariya	Principal of ITM, SOP (ITM University) Gwalior-474001, Madhya Pradesh, India	India	India
Dr. Mohathasim Billah A	Professor, Department of Pharmacy Practice, Thanthai Roever College of Pharmacy, (Affiliated to Dr. MGR Medical University), Perambalur, Tamil Nadu Pin- 621212	India	India
Applicant			

Name	Address	Country	Nationality
Ms. Shabnam Thakur	Research Scholar, Amity Institute of Pharmacy, Amity university, Amity Education Valley Gurugram (Manesar), Haryana 122 413, Haryana, India	India	India
Dr. Sweety Lanjhiyana	Professor, School of Pharmacy, Chouksey Engineering College, Bilaspur 495001, Chattisgarh, India	India	India
Dr. S.K. Lanjhiyana	Asst. Professor, SLT Institute of Pharmaceutical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, 495009, Chhattisgarh, India	India	India
Dr.Mohd.Washid Khan	Principal, Department of P.G.Studies and Research in Chemistry and Pharmacy, Rani Durgavati Vishwavidyalaya Jabalpur - 482002, Madhya Pradesh, India	India	India
Dr. Aishwarya Dinakaran	Associate Professor, Department of Pharmacy practice, MRM College of pharmacy (Affiliated to JNTUH), Ibrahimpatnam, Hyderabad, Telangana 501510	India	India
Ms. Khushnuma Khan	HOD, Silicobyte Katni Degree College Gyanteerth, Katni, Madhya Pradesh, India	India	India
Dr. Jyoti Choubey	Asst.Professor Department of P.G.Studies and Research in Chemistry and Pharmacy, Rani Durgavati Vishwavidyalaya Jabalpur - 482002, Madhya Pradesh, India	India	India
Mr.Chandan Singh Ahirwar	Asst.Professor Department of P.G.Studies and Research in Chemistry and Pharmacy, Rani Durgavati Vishwavidyalaya Jabalpur - 482002, Madhya Pradesh, India	India	India
Mr. Vijay singh kachawa	Assistant professor, Pacific college of pharmacy, PAHER University, Udaipur 313001	India	India
Dr. Abhishek Pandey	Assistant professor Department of P.G.Studies and Research in Chemistry and Pharmacy, Rani Durgavati Vishwavidyalaya Jabalpur - 482002, Madhya Pradesh, India	India	India
Mr. Shailendra Singh Narwariya	Principal of ITM, SOP (ITM University) Gwalior-474001, Madhya Pradesh, India	India	India
Dr. Mohathasim Billah A	Professor, Department of Pharmacy Practice, Thanthai Roever College of Pharmacy, (Affiliated to Dr. MGR Medical University), Perambalur, Tamil Nadu Pin- 621212	India	India

Abstract:

A method for developing and characterize the role of small-molecule accumulation in drug exposure of antiseizure medications. The method includes (i) representing a medicinal plant as a primitive form of anti-inflammatory drugs, (ii) identifying salicylates as active components of Willow spp. responsible for the anti-inflammatory activity, which laid the foundation for the mass synthesis of acetylsalicylic acid, (iii) synthesizing an alicyclic acid by the Gerland for the first time, and acetylsalicylic acid, wherein salicylic acid was firstly used in clinic for the treatment of rheumatic disorders, (iv) reducing this harmful side effect, the selective COX-2 inhibitors were developed, wherein the selective COX-2 inhibitors can be further divided into two categories: selective COX-2 inhibitors and highly selective COX-2 inhibitors.

Complete Specification**Technical Field**

[0001] The embodiments herein generally relate to development and characterize the role of small-molecule accumulation and, more particularly, relate to development and characterize the role of small-molecule accumulation in drug exposure of antiseizure medications.

Description of the Related Art

[0002] Although initially described as an anti-tumor mediator, tumor necrosis factor-alpha (TNF) is generally considered as the master pro-inflammatory cytokine. It plays a crucial role in the pathogenesis of inflammatory diseases, such as rheumatoid arthritis (RA), inflammatory bowel disease, ankylosing spondylitis (AS), and psoriasis. Consequently, anti-TNF therapy has become mainstay treatment for autoimmune diseases. Historically, anti-inflammatory agents were developed before the identification of TNF. Salicylates, the active components of Willow spp., were identified in the mid-19th century for the alleviation of pain, fever, and inflammatory responses. Study of this naturally occurring compound led to the discovery of aspirin, which was followed by the development of non-steroidal anti-inflammatory drugs (NSAIDs) due to the chemical advances in the 19th–20th centuries. Initially, the most of NSAIDs were organic acid, but the non-acidic compounds were also identified as NSAIDs. Although effective in the treatment of inflammatory diseases, NSAIDs have some undesirable and adverse effect, such as ulcers, kidney injury, and bleeding in the gastrointestinal tract. In the past two decades, anti-TNF biologics were developed. Drugs belong to this class include soluble TNF receptor 2 fusion protein and anti-TNF antibodies. The introduction of anti-TNF therapeutics has revolutionized the management of autoimmune diseases, such as RA, psoriatic arthritis (PsA), plaque psoriasis (PP), AS, CD and ulcerative colitis (UC). Nevertheless, up to 40% of patients have no response to anti-TNF treatment. Furthermore, this treatment is associated with some adverse effects such as increased risk of infection. and even triggered the de novo development of autoimmune diseases. Such harmful effect of anti-TNF treatment is likely caused by the global inhibition of TNF

[View Application Status](#)



Terms & conditions (<http://ipindia.gov.in/terms-conditions.htm>) Privacy Policy (<http://ipindia.gov.in/privacy-policy.htm>) Copyright (<http://ipindia.gov.in/copyright.htm>)
 Hyperlinking Policy (<http://ipindia.gov.in/hyperlinking-policy.htm>) Accessibility (<http://ipindia.gov.in/accessibility.htm>) Archive (<http://ipindia.gov.in/archive.htm>)
 Contact Us (<http://ipindia.gov.in/contact-us.htm>) Help (<http://ipindia.gov.in/help.htm>)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019



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>)



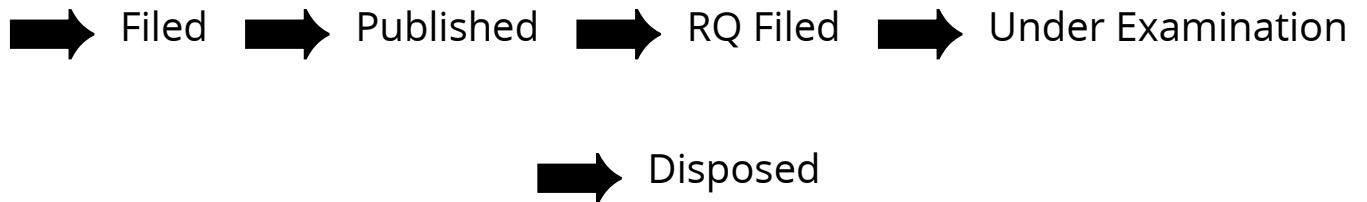
(<http://ipindia.nic.in/index.htm>)

Application Details

APPLICATION NUMBER	202211045051
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	07/08/2022
APPLICANT NAME	1 . Ms. Shabnam Thakur 2 . Dr. Sweety Lanjhiyana 3 . Dr. S.K. Lanjhiyana 4 . Dr.Mohd.Washid Khan 5 . Dr. Aishwarya Dinakaran 6 . Ms. Khushnuma Khan 7 . Dr. Jyoti Choubey 8 . Mr.Chandan Singh Ahirwar 9 . Mr. Vijay singh kachawa 10 . Dr. Abhishek Pandey 11 . Mr. Shailendra Singh Narwariya 12 . Dr. Mohathasim Billah A
TITLE OF INVENTION	DEVELOPMET AND CHARACTERIZE THE ROLE OF SMALL-MOLECULE ACCUMULATION IN DRUG EXPOSURE OF ANTISEIZURE MEDICATIONS
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	vaagaiip@gmail.com
ADDITIONAL-EMAIL (As Per Record)	vaagaiip@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	19/08/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination[View Documents](#)

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

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<shhttp://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

[Skip to Main Content](#)



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



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

Patent Search

Invention Title	MOLECULAR IDENTIFICATION AND ANTIFUNGAL ACTIVITY OF ANTIMYCOTICS BY FARNESOL AND REDUCTION OF CANDIDA ALBICANS PATHOGENICITY IN FISSION YEAST		
Publication Number	33/2022		
Publication Date	19/08/2022		
Publication Type	INA		
Application Number	202221044413		
Application Filing Date	03/08/2022		
Priority Number			
Priority Country			
Priority Date			
Field Of Invention	CHEMICAL		
Classification (IPC)	A61K0031704800, C12N0001200000, C12Q0001180000, C07K0014400000, C12Q0001020000		
Inventor			
Name	Address	Country	Nationality
Dr. Shivani Sharma	Assistant Professor & HOD, Department of Biotechnology, Swami Shri Swaroopanand Saraswati Mahavidyalaya, Amdi Nagar, Hudco, Bhilai, Pin code – 490009, Chhattisgarh, India	India	India
Dr. Shama Afroz Baig	Assistant Professor & HOD, Department of Microbiology, Swami Shri Swaroopanand Saraswati Mahavidyalaya, Amdi Nagar, Hudco, Bhilai, Pin code – 490009, Chattisgarh, India	India	India
Ms. Apurva Sharma	Assistant Professor, Department of Biotechnology, Swami Shri Swaroopanand Saraswati Mahavidyalaya, Amdi Nagar, Hudco, Bhilai, Pin code – 490009, Chattisgarh, India	India	India
Ms. Yogita Lokhande	Assistant Professor, Department of Microbiology, Swami Shri Swaroopanand Saraswati Mahavidyalaya, Amdi Nagar, Hudco, Bhilai, Pin code – 490009, Chattisgarh, India	India	India
Dr. Sweety Lanjhiyana	Professor, School of Pharmacy, Chouksey Engineering College, Bilaspur 495001, Chattisgarh, India	India	India
Dr. S.K. Lanjhiyana	Asst. Professor, SLT Institute of Pharmaceutical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, 495009, Chattisgarh, India	India	India
Dr. Mohd. Washid Khan	Principal, Department of P.G.Studies and Research in Chemistry and Pharmacy Rani Durgavati Vishwavidyalaya Jabalpur Madhya Pradesh, India	India	India
Dr. Abhishek Pandey	Assistant professor, Department of P.G.Studies and Research in Chemistry and Pharmacy, Rani Durgavati Vishwavidyalaya, Jabalpur, Madhya Pradesh, India	India	India
Ms. Basudha Singh Gautam	Assistant Professor Department of Pharmaceutics, School of Pharmacy, Chouksey Engineering College, Lal Khadan, Masturi Road, Bilaspur, Chattisgarh 495004, India	India	India
Ms. Ranu Sharma	Associate Profesor, Department of Pharmaceutical Chemistry, Pacific College of Pharmacy, PAHER University, Pacific Hills, Pratap Nagar Extension, Airport Road, Debari, Udaipur-313024, Rajasthan	India	India
Dr Mainak Bhattacharya	Intern, Maitri College of Dentistry and Research Center, Durg, Pin- 491001, Chattisgarh	India	India
Dr. Sai Sagar	Senior House Surgeon Govt. Hospital, Neyyattinkara, Thiruvananthapuram, TC-81/2259 Thampanoor, Thiruvananthapuram, Kerala 695001., India	India	India
Applicant			

Name	Address	Country	Nationality
Dr. Shivani Sharma	Assistant Professor & HOD, Department of Biotechnology, Swami Shri Swaroopanand Saraswati Mahavidyalaya, Amdi Nagar, Hudco, Bhilai, Pin code – 490009, Chhattisgarh, India	India	India
Dr. Shama Afroz Baig	Assistant Professor & HOD, Department of Microbiology, Swami Shri Swaroopanand Saraswati Mahavidyalaya, Amdi Nagar, Hudco, Bhilai, Pin code – 490009, Chhattisgarh, India	India	India
Ms. Apurva Sharma	Assistant Professor, Department of Biotechnology, Swami Shri Swaroopanand Saraswati Mahavidyalaya, Amdi Nagar, Hudco, Bhilai, Pin code – 490009, Chhattisgarh, India	India	India
Ms. Yogita Lokhande	Assistant Professor, Department of Microbiology, Swami Shri Swaroopanand Saraswati Mahavidyalaya, Amdi Nagar, Hudco, Bhilai, Pin code – 490009, Chhattisgarh, India	India	India
Dr. Sweetey Lanjhiyana	Professor, School of Pharmacy, Chouksey Engineering College, Bilaspur 495001, Chhattisgarh, India	India	India
Dr. S.K. Lanjhiyana	Asst. Professor, SLT Institute of Pharmaceutical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, 495009, Chhattisgarh, India	India	India
Dr. Mohd. Washid Khan	Principal, Department of P.G.Studies and Research in Chemistry and Pharmacy Rani Durgavati Vishwavidyalaya Jabalpur Madhya Pradesh, India	India	India
Dr. Abhishek Pandey	Assistant professor, Department of P.G.Studies and Research in Chemistry and Pharmacy, Rani Durgavati Vishwavidyalaya, Jabalpur, Madhya Pradesh, India	India	India
Ms. Basudha Singh Gautam	Assistant Professor Department of Pharmaceutics, School of Pharmacy, Chouksey Engineering College, Lal Khadan, Masturi Road, Bilaspur, Chhattisgarh 495004, India	India	India
Ms. Ranu Sharma	Associate Professor, Department of Pharmaceutical Chemistry, Pacific College of Pharmacy, PAHER University, Pacific Hills, Pratap Nagar Extension, Airport Road, Debari, Udaipur-313024, Rajasthan	India	India
Dr Mainak Bhattacharya	Intern, Maitri College of Dentistry and Research Center, Durg, Pin- 491001, Chhattisgarh	India	India
Dr. Sai Sagar	Senior House Surgeon Govt. Hospital, Neyyattinkara, Thiruvananthapuram, TC-81/2259 Thampanoor, Thiruvananthapuram, Kerala 695001, India	India	India

Abstract:

ABSTRACT MOLECULAR IDENTIFICATION AND ANTIFUNGAL ACTIVITY OF ANTIMYCOTICS BY FARNESOL AND REDUCTION OF CANDIDA ALBICANS PATHOGENICITY IN FISSION YEAST

A method for molecular identification and antifungal activity of antimycotics by farnesol and reduction of candida albicans pathogenicity in fission yeast. The method includes regulating a biofilm is an organized community by the exchange of chemical signals among cells in a process known as quorum sensing. Producing and releasing more quorum sensing molecules (QSM) in formed biofilms than during planktonic growth. Displaying a mature C. albicans biofilm with higher cell density more antifungal resistance than an early biofilm with lower cell density. Producing a Farnesol is an extracellular QSM by C. albicans a certain concentration of farnesol inhibits the yeast-to-hypha transition and compromises biofilm formation. Keeping the Farnesol C. albicans biofilm in stationary phase and inhibits its maturation. Determining the sensitivity of YLF to antimycotic drugs. Antimycotic drugs comprises a nystatin (40 µg), amphotericin B (15 µg), ketoconazole (15 µg), clotrimazole (15 µg), voriconazole (15 µg), fluconazole (35 µg), miconazole (15 µg), and intraconazole (15 µg). Simulating candidiasis of the gastrointestinal tract in an in vivo quail model. As an unusual experimental design, this study investigated the effects of pretreated C. albicans in quails, not the in vivo pathogenicity of C. albicans. FIG.1

Complete Specification

Description: MOLECULAR IDENTIFICATION AND ANTIFUNGAL ACTIVITY OF ANTIMYCOTICS BY FARNESOL AND REDUCTION OF CANDIDA ALBICANS PATHOGENICITY IN FISSION YEAST

BACKGROUND
Technical Field

[0001] The embodiments herein generally relate to molecular identification and antifungal activity and, more particularly, relate to molecular identification and antifungal activity of antimycotics by farnesol and reduction of candida albicans pathogenicity in fission yeast.

Description of the Related Art

[0002] Clinical strains of microorganisms, including pathogenic yeast-like fungi (YLF), are resistant to currently used antifungal agents. Thus, it is relevant to study the combinations of existing antimicrobial drugs and a medicinal extract of plant origin (farnesol). In previous studies, farnesol showed a relatively strong anti-biofilm effect against Candida albicans. This study aimed to determine how much the resistance profile of non-biofilm microorganisms can change.

[0003] Candida albicans biofilm infections are usually treated with azole antifungals such as fluconazole. However, the development of resistance to this drug in C. albicans biofilms is very common, especially in immunocompromised individuals. The upregulation of the sterol biosynthetic pathway gene ERG and the efflux pump genes CDR and MDR may contribute to this azole tolerance in Candida species. We hypothesize that farnesol, an endogenous quorum sensing molecule with possible antimicrobial properties which is also the precursor of ergosterols in C. albicans, may interfere with the development of fluconazole resistance in C. albicans biofilms. To test this hypothesis, MICs were compared and morphology changes were observed by confocal laser scanning microscopy (CLSM) for farnesol-treated and -untreated and fluconazole-resistant groups.

[View Application Status](#)



Terms & conditions (<http://ipindia.gov.in/terms-conditions.htm>) Privacy Policy (<http://ipindia.gov.in/privacy-policy.htm>) Copyright (<http://ipindia.gov.in/copyright.htm>)
Hyperlinking Policy (<http://ipindia.gov.in/hyperlinking-policy.htm>) Accessibility (<http://ipindia.gov.in/accessibility.htm>) Archive (<http://ipindia.gov.in/archive.htm>)
Contact Us (<http://ipindia.gov.in/contact-us.htm>) Help (<http://ipindia.gov.in/help.htm>)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019



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>)



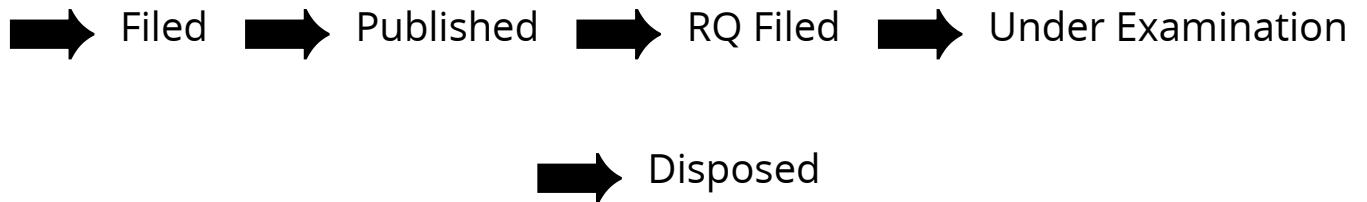
(<http://ipindia.nic.in/index.htm>)

Application Details

APPLICATION NUMBER	202221044413
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	03/08/2022
APPLICANT NAME	1 . Dr. Shivani Sharma 2 . Dr. Shama Afroze Baig 3 . Ms. Apurva Sharma 4 . Ms. Yogita Lokhande 5 . Dr. Sweety Lanjhiyana 6 . Dr. S.K. Lanjhiyana 7 . Dr. Mohd. Washid Khan 8 . Dr. Abhishek Pandey 9 . Ms. Basudha singh Gautam 10 . Ms. Ranu Sharma 11 . Dr Mainak Bhattacharya 12 . Dr. Sai Sagar
TITLE OF INVENTION	MOLECULAR IDENTIFICATION AND ANTIFUNGAL ACTIVITY OF ANTIMYCOTICS BY FARNESOL AND REDUCTION OF CANDIDA ALBICANS PATHOGENICITY IN FISSION YEAST
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	vaagaiip@gmail.com
ADDITIONAL-EMAIL (As Per Record)	vaagaiip@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	19/08/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination[View Documents](#)

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

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<shhttp://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

[Skip to Main Content](#)



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



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

Patent Search

Invention Title	DESIGN OF SMART THIN FILM ACTUATORS FOR BIOMEDICAL APPLICATIONS AND INTERVENING THE COMPLICATIONS OF GENE MUTATIONS IN DIABETIC PATIENTS
Publication Number	34/2022
Publication Date	26/08/2022
Publication Type	INA
Application Number	202211044190
Application Filing Date	02/08/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	BIOTECHNOLOGY
Classification (IPC)	A61K0039395000, C12Q0001688300, A61K0031498500, A61B0017340000, C12N0015520000

Inventor

Name	Address	Country	Nationality
Dr P.SUDHAKAR	PROFESSOR/ SCHOOL OF COMPUTING SCIENCE AND ENGINEERING	India	India
NEHA SRIVASTAVA	ASSISTANT PROFESSOR, FACULTY OF PHARMACEUTICAL SCIENCES,RAMA UNIVERSITY MANDHANA KANPUR GT ROAD,KANPUR NAGAR, 209217	India	India
Dr. S. K. LANJHIYANA	ASSISTANT PROFESSOR, INSTITUTE OF PHARMACEUTICAL SCIENCES, GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR - 495009, CHHATTISGARH, INDIA	India	India
Dr. SWEETY LANJHIYANA	PROFESSOR, SCHOOL OF PHARMACY, CHOUKSEY ENGINEERING COLLEGE, BILASPUR - 495001, CHHATTISGARH, INDIA	India	India
DR. MAHENDRA RAMESH BHISE	ASSISTANT PROFESSOR, DEPT OF BOTANY, LATE KU DURGA K BANMERU SCIENCE COLLEGE LONAR DIST BULDHANA 443302	India	India
MR. CHETAN DIGAMBAR PAWAR	ASSISTANT PROFESSOR, DEPARTMENT OF BOTANY, GOKHALE EDUCATION SOCIETY'S, ARTS COMMERCE AND SCIENCE COLLEGE, JAWHAR	India	India
Dr. KUMUD PANT	ASSOCIATE PROFESSOR, DEPARTMENT OF BIOTECHNOLOGY, GRAPHIC ERA DEEMED TO BE UNIVERSITY, DEHRADUN,UTTARAKHAND, INDIA, 248002	India	India
DHARMBIR SINGH	PROFESSOR, M M UNIVERSITY, AMBALA-134007	India	India

Applicant

Name	Address	Country	Nationality
Dr P.SUDHAKAR	PROFESSOR/ SCHOOL OF COMPUTING SCIENCE AND ENGINEERING	India	India
NEHA SRIVASTAVA	ASSISTANT PROFESSOR, FACULTY OF PHARMACEUTICAL SCIENCES,RAMA UNIVERSITY MANDHANA KANPUR GT ROAD,KANPUR NAGAR, 209217	India	India
Dr. S. K. LANJHIYANA	ASSISTANT PROFESSOR, INSTITUTE OF PHARMACEUTICAL SCIENCES, GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR - 495009, CHHATTISGARH, INDIA	India	India
Dr. SWEETY LANJHIYANA	PROFESSOR, SCHOOL OF PHARMACY, CHOUKSEY ENGINEERING COLLEGE, BILASPUR - 495001, CHHATTISGARH, INDIA	India	India
DR. MAHENDRA RAMESH BHISE	ASSISTANT PROFESSOR, DEPT OF BOTANY, LATE KU DURGA K BANMERU SCIENCE COLLEGE LONAR DIST BULDHANA 443302	India	India
MR. CHETAN DIGAMBAR PAWAR	ASSISTANT PROFESSOR, DEPARTMENT OF BOTANY, GOKHALE EDUCATION SOCIETY'S, ARTS COMMERCE AND SCIENCE COLLEGE, JAWHAR	India	India
Dr. KUMUD PANT	ASSOCIATE PROFESSOR, DEPARTMENT OF BIOTECHNOLOGY, GRAPHIC ERA DEEMED TO BE UNIVERSITY, DEHRADUN,UTTARAKHAND, INDIA, 248002	India	India
DHARMBIR SINGH	PROFESSOR, M M UNIVERSITY, AMBALA-134007	India	India

Abstract:

Design of smart thin film actuators for Biomedical Applications and intervening the complications of gene mutations in diabetic patients is the proposed invention. The proposed invention focuses on designing a thin film actuator that is smart to intervene the genetically aspects of diabetic patients. The gene sequences are analysed to predict the genes that are responsible for causing side effects in diabetic patients.

Complete Specification

FIELD OF INVENTION

The present invention relates to the field of designing & implementing a framework of smart film actuators for analysing the gene mutations in diabetic patients. The proposed invention aims at intervening the genetical aspects with biomedical techniques.

BACKGROUND OF INVENTION

- [0001] Background description includes information that may be useful in understanding the present invention. It is not an admission that any of the information provided herein is prior art or relevant to the presently claimed invention, or that any publication specifically or implicitly referenced is prior art.
- [0002] Diabetes mellitus commonly known as diabetes is a group of metabolic disorders characterized by a high blood sugar level over a prolonged period of time. Diabetes is due to either the pancreas not producing enough insulin or the cells of the body not responding properly to the insulin produced. Insulin is the hormone which is responsible for helping glucose from food gets in to the cells to be used for energy.
- [0003] A number of different types of diabetic patient analysis systems that are known in the prior art. For example, the following patents are provided for their supportive teachings and are all incorporated by reference.
- [0004] US9693722B2 A thin film sensor, such as a glucose sensor, is provided for transcutaneous placement at a selected site within the body of a patient. The sensor includes several sensor layers that include conductive layers and includes a proximal segment defining conductive contacts adapted for electrical connection to a suitable

[View Application Status](#)



Terms & conditions (<http://ipindia.gov.in/terms-conditions.htm>) Privacy Policy (<http://ipindia.gov.in/privacy-policy.htm>) Copyright (<http://ipindia.gov.in/copyright.htm>)
Hyperlinking Policy (<http://ipindia.gov.in/hyperlinking-policy.htm>) Accessibility (<http://ipindia.gov.in/accessibility.htm>) Archive (<http://ipindia.gov.in/archive.htm>)
Contact Us (<http://ipindia.gov.in/contact-us.htm>) Help (<http://ipindia.gov.in/help.htm>)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019



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

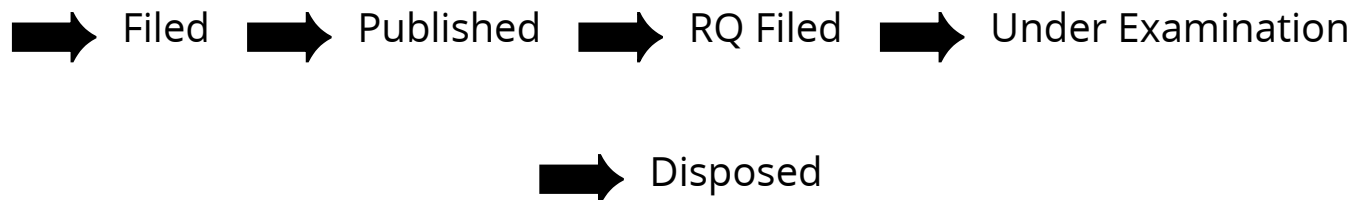
APPLICATION NUMBER	202211044190
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	02/08/2022
APPLICANT NAME	1 . Dr P.SUDHAKAR 2 . NEHA SRIVASTAVA 3 . Dr. S. K. LANJHIYANA 4 . Dr. SWEETY LANJHIYANA 5 . DR. MAHENDRA RAMESH BHISE 6 . MR. CHETAN DIGAMBAR PAWAR 7 . Dr. KUMUD PANT 8 . DHARMBIR SINGH
TITLE OF INVENTION	DESIGN OF SMART THIN FILM ACTUATORS FOR BIOMEDICAL APPLICATIONS AND INTERVENING THE COMPLICATIONS OF GENE MUTATIONS IN DIABETIC PATIENTS
FIELD OF INVENTION	BIOTECHNOLOGY
E-MAIL (As Per Record)	sgowthami12@gmail.com
ADDITIONAL-EMAIL (As Per Record)	sgowthami12@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	26/08/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination

[View Documents](#)



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

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<http://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

[Skip to Main Content](#)



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



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

Patent Search

Invention Title	ARTIFICIAL INTELLIGENCE BASED DRUG DISCOVERY TECHNIQUE TO ANALYZE THE IMPACT OF EXISTING DRUGS FOR BRAIN TUMOURS AND PAVING WAY FOR NEW EFFICACIOUS DRUG
Publication Number	32/2022
Publication Date	12/08/2022
Publication Type	INA
Application Number	202241042626
Application Filing Date	26/07/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	BIO-MEDICAL ENGINEERING
Classification (IPC)	G16H0010200000, C07C0229340000, G16H0050700000, A61K0036280000, G06N0020000000

Inventor

Name	Address	Country	Nationality
Dr INAMUL HASAN MADAR	DEPARTMENT OF PHARMACOLOGY, SAVEETHA DENTAL COLLEGE AND HOSPITALS 162, POONAMALLEE HIGH ROAD, VEELAPPANCHAVADI, CHENNAI-600 077, TAMILNADU, INDIA AND DIRECTOR OF SANA HOSPITAL AND HEALTHCARE, CHENNAI	India	India
Dr. P. THIRUMALAI VASAN	DEPARTMENT OF BIOTECHNOLOGY, SRIMAD ANDAVAN ARTS AND SCIENCE COLLEGE, TIRUCHIRAPALLI, TAMILNADU.	India	India
Dr. SWEETY LANJHIYANA	PROFESSOR, SCHOOL OF PHARMACY, CHOUKSEY ENGINEERING COLLEGE, BILASPUR - 495001, CHHATTISGARH, INDIA	India	India
Dr. S. K. LANJHIYANA	ASSISTANT PROFESSOR, INSTITUTE OF PHARMACEUTICAL SCIENCES, GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR - 495009, CHHATTISGARH, INDIA	India	India
Dr.K.HIMABINDU	ASSOCIATE PROFESSOR, DEPARTMENT OF CSA,KL UNIVERSITY, VADDESWAREM,522302	India	India
Dr. ANANTA CHARAN OJHA	ASSOCIATE PROFESSOR, DEPARTMENT OF BCA, SCHOOL OF CS & IT, JAIN (DEEMED-TO-BE) UNIVERSITY, 44/4, DISTRICT FUND ROAD, BEHIND BIG BAZAAR, JAYANAGARA 9TH BLOCK, BANGALORE-560069	India	India
SUMATHI S	ASSOCIATE PROFESSOR, DEPARTMENT OF IT, ST.JOSEPH'S COLLEGE OF ENGINEERING,CHENNAI-119	India	India
KANDASAMY V	ASSOCIATE PROFESSOR DEPARTMENT OF EEE KUMARAGURU COLLEGE OF TECHNOLOGY COIMBATORE641035	India	India

Applicant

Name	Address	Country	Nationality
Dr INAMUL HASAN MADAR	DEPARTMENT OF PHARMACOLOGY, SAVEETHA DENTAL COLLEGE AND HOSPITALS 162, POONAMALLEE HIGH ROAD, VEELAPPANCHAVADI, CHENNAI-600 077, TAMILNADU, INDIA AND DIRECTOR OF SANA HOSPITAL AND HEALTHCARE, CHENNAI	India	India
Dr. P. THIRUMALAI VASAN	DEPARTMENT OF BIOTECHNOLOGY, SRIMAD ANDAVAN ARTS AND SCIENCE COLLEGE, TIRUCHIRAPALLI, TAMILNADU.	India	India
Dr. SWEETY LANJHIYANA	PROFESSOR, SCHOOL OF PHARMACY, CHOUKSEY ENGINEERING COLLEGE, BILASPUR - 495001, CHHATTISGARH, INDIA	India	India
Dr. S. K. LANJHIYANA	ASSISTANT PROFESSOR, INSTITUTE OF PHARMACEUTICAL SCIENCES, GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR - 495009, CHHATTISGARH, INDIA	India	India
Dr.K.HIMABINDU	ASSOCIATE PROFESSOR, DEPARTMENT OF CSA,KL UNIVERSITY, VADDESWAREM,522302	India	India
Dr. ANANTA CHARAN OJHA	ASSOCIATE PROFESSOR, DEPARTMENT OF BCA, SCHOOL OF CS & IT, JAIN (DEEMED-TO-BE) UNIVERSITY, 44/4, DISTRICT FUND ROAD, BEHIND BIG BAZAAR, JAYANAGARA 9TH BLOCK, BANGALORE-560069	India	India
SUMATHI S	ASSOCIATE PROFESSOR, DEPARTMENT OF IT, ST.JOSEPH'S COLLEGE OF ENGINEERING,CHENNAI-119	India	India
KANDASAMY V	ASSOCIATE PROFESSOR DEPARTMENT OF EEE KUMARAGURU COLLEGE OF TECHNOLOGY COIMBATORE641035	India	India

Abstract:

Artificial Intelligence based Drug Discovery technique to analyze the impact of existing drugs for Brain tumours and paving way for new efficacious drug is the proposed invention. The proposed invention focuses on utilizing the algorithms of Artificial Intelligence for studying the impact of various existing drugs on brain tumour. The invention also aims at analysing the new drugs that may be induced to the patient with greater bioavailability.

Complete Specification

Description:[0001] Background description includes information that may be useful in understanding the present invention. It is not an admission that any of the information provided herein is prior art or relevant to the presently claimed invention, or that any publication specifically or implicitly referenced is prior art.

[0002] A Neurological disorder is any disorder of the nervous system. Structural, biochemical or electrical abnormalities in the brain, spinal cord or other nerves can result in a range of symptoms. Interventions of neurological disorders include preservative measures, lifestyle changes, physiotherapy or other therapy, neuro rehabilitation, pain management or a specific diet. The specific causes of neurological problems vary but can include genetic disorders, congenital abnormalities or disorders, infections, lifestyle or environmental health problems including malnutrition, brain damage spinal cord injury etc.

[0003] A number of different types of brain tumor drug analysis systems that are known in the prior art. For example, the following patents are provided for their supportive teachings and are all incorporated by reference.

[0004] Artificial Intelligence Effecting a Paradigm Shift in Drug Development The inverse relationship between the cost of drug development and the successful integration of drugs into the market has resulted in the need for innovative solutions to overcome this burgeoning problem. This problem could be attributed to several factors, including the premature termination of clinical trials, regulatory factors, or decisions made in the earlier drug development processes. The introduction of artificial intelligence (AI) to accelerate and assist drug development has resulted in cheaper and more efficient processes, ultimately improving the success rates of clinical trials. This review aims to showcase and compare the different applications of AI technology that aid automation and improve success in drug development, particularly in novel drug target identification and design, drug repositioning, biomarker identification, and effective patient stratification, through exploration of different disease landscapes. In addition, it will also highlight how these technologies are translated into the clinic. This paradigm shift will lead to even greater advancements in the integration of AI in automating

[View Application Status](#)



Terms & conditions (<http://ipindia.gov.in/terms-conditions.htm>) Privacy Policy (<http://ipindia.gov.in/privacy-policy.htm>) Copyright (<http://ipindia.gov.in/copyright.htm>)
Hyperlinking Policy (<http://ipindia.gov.in/hyperlinking-policy.htm>) Accessibility (<http://ipindia.gov.in/accessibility.htm>) Archive (<http://ipindia.gov.in/archive.htm>)
Contact Us (<http://ipindia.gov.in/contact-us.htm>) Help (<http://ipindia.gov.in/help.htm>)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019



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

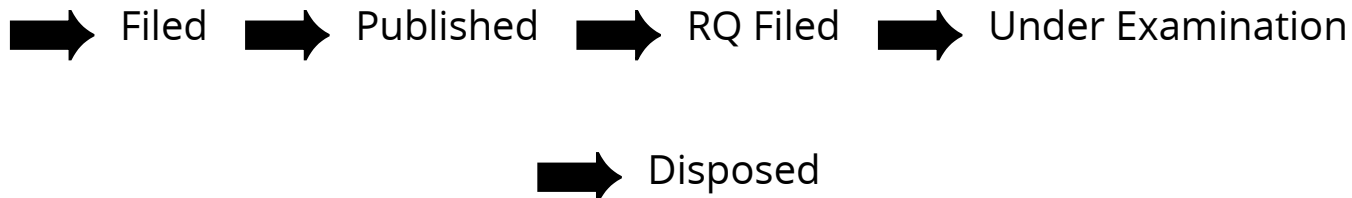
APPLICATION NUMBER	202241042626
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	26/07/2022
APPLICANT NAME	1 . Dr INAMUL HASAN MADAR 2 . Dr. P. THIRUMALAI VASAN 3 . Dr. SWEETY LANJHIYANA 4 . Dr. S. K. LANJHIYANA 5 . Dr.K.HIMABINDU 6 . Dr. ANANTA CHARAN OJHA 7 . SUMATHI S 8 . KANDASAMY V
TITLE OF INVENTION	ARTIFICIAL INTELLIGENCE BASED DRUG DISCOVERY TECHNIQUE TO ANALYZE THE IMPACT OF EXISTING DRUGS FOR BRAIN TUMOURS AND PAVING WAY FOR NEW EFFICACIOUS DRUG
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	sgowthami12@gmail.com
ADDITIONAL-EMAIL (As Per Record)	sgowthami12@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	12/08/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination

[View Documents](#)



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

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<shttp://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

[Skip to Main Content](#)



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



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

Patent Search

Invention Title	A METHOD TO FORMULATE MULTI PARTICULATE FORMULATION USING POLYMERS FOR THE MANAGEMENT OF COLONIC CANCER.
Publication Number	35/2023
Publication Date	01/09/2023
Publication Type	INA
Application Number	202221041568
Application Filing Date	20/07/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	CHEMICAL
Classification (IPC)	A61K0009500000, A61K0031192000, A61K0009160000, A61K0009480000, A61K0031340000

Inventor

Name	Address	Country	Nationality
S.K. Lanjhiyana	Department of Pharmacy, Guru Ghasidas Vishwavidyalaya, Bilaspur	India	India
Sandeep Kumar Sonkar	Rungta College of Pharmaceutical sciences and Research, Raipur	India	India
Chanchal Deep Kaur	Rungta College of Pharmaceutical Science and Research, Raipur	India	India
Ritika Singh	Rungta College of Pharmaceutical Sciences and Research, Raipur	India	India
Rinkee Verma	Rungta College of Pharmaceutical Sciences and Research, Raipur	India	India
Sweetey Lanjhiyana	School of Pharmacy, Chouksey Engineering College, Bilaspur	India	India
Saraswati Prasad Mishra	Rungta College of pharmaceutical science and Research, Raipur	India	India

Applicant

Name	Address	Country	Nationality
Rungta College of Pharmaceutical Sciences and Research	Rungta Educational Campus, Khoka-Kurud Road, Bhilai, Chhattisgarh 490024	India	India

Abstract:

This invention describes a method to formulate polyelectrolyte complex-based multi particulate formulation using polymers for the management of colonic cancer. The release mechanism involves polymer relaxation and dissolves drug diffusion into simulated intestinal fluid and simulated colonic environment and due to inhibition of drug release in gastric and upper intestinal condition, this multi particulate system of antimetabolites drug (5-Fu) may be the potential system for management of colon cancer.

Complete Specification

DESC:FIELD OF INVENTION

[0001] This invention relates to the field of pharmaceutical sciences more particularly a method to formulate polyelectrolyte complex-based multi particulate formulation using polymers for the management of colonic cancer.

PRIOR ART AND PROBLEM TO BE SOLVED

[0002] Nowadays, various routes of administration have been explored for the effective delivery of the drug. The oral route is considered to be most convenient for the administration of drugs to patients. On oral administration of conventional dosage forms drug normally dissolves in the gastro-intestinal fluids and is absorbed from these regions of the gastro-intestinal tract, which depends upon the physicochemical properties of the drug. It has a serious drawback in conditions where localized delivery of the drug in the colon is required or in conditions where a drug needs to be protected from the hostile environment of upper GIT. Dosage forms that deliver drugs in the colon rather than upper GIT has number of advantages. Oral delivery of drugs in the colon is valuable in the treatment of diseases of colon (colon cancer, ulcerative colitis, crohn's disease and inflammatory bowel disease) whereby high local concentration can be achieved while minimizing side effects. The colon is attracting interest as a site where poorly absorbed drug molecule may have an improved bioavailability. This region of the colon is having a somewhat less hostile environment with less diversity and intensity of activity than the stomach and small intestine. Additionally, the colon has a long retention time and appears highly responsible to agents that enhance the absorption of poorly

[View Application Status](#)



Terms & conditions (<http://ipindia.gov.in/terms-conditions.htm>) Privacy Policy (<http://ipindia.gov.in/privacy-policy.htm>) Copyright (<http://ipindia.gov.in/copyright.htm>)
Hyperlinking Policy (<http://ipindia.gov.in/hyperlinking-policy.htm>) Accessibility (<http://ipindia.gov.in/accessibility.htm>) Archive (<http://ipindia.gov.in/archive.htm>)
Contact Us (<http://ipindia.gov.in/contact-us.htm>) Help (<http://ipindia.gov.in/help.htm>)
Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019



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>)

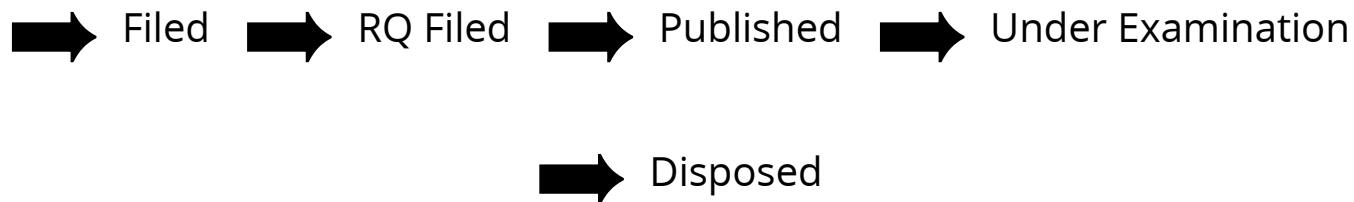
Application Details

APPLICATION NUMBER	202221041568
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	20/07/2022
APPLICANT NAME	Rungta College of Pharmaceutical Sciences and Research
TITLE OF INVENTION	A METHOD TO FORMULATE MULTI PARTICULATE FORMULATION USING POLYMERS FOR THE MANAGEMENT OF COLONIC CANCER.
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	sonal@rungta.ac.in
ADDITIONAL-EMAIL (As Per Record)	aadhyadee25@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	12/04/2023
PUBLICATION DATE (U/S 11A)	01/09/2023

Application Status

APPLICATION STATUS	FER Issued, Reply not Filed
--------------------	------------------------------------

[View Documents](#)



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

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<shttp://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

[Skip to Main Content](#)



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



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

Patent Search

Invention Title	THE DEVELOPMENT AND TESTING OF A FLOATING TABLETS CONTAINING DICLOFENAC SODIUM		
Publication Number	33/2022		
Publication Date	19/08/2022		
Publication Type	INA		
Application Number	202241040993		
Application Filing Date	18/07/2022		
Priority Number			
Priority Country			
Priority Date			
Field Of Invention	CHEMICAL		
Classification (IPC)	A61K0031196000, A61K0009000000, C12Q0001685100, G01N0013000000, A61K0009160000		
Inventor			
Name	Address	Country	Nationality
Dr. Jaffer Sadik Mohammed	Associate professor, Sri Indu Institute of pharmacy, Sheriguda (v) Ibrahimpatnam(M) R.R. Hyderabad, Telangana 501510, India	India	India
Dr. Mohammed Jafar	Assistant Professor, Department of Pharmaceutics, College of Clinical Pharmacy, Imam Abdulrahman Bin Faisal University, Dammam, Kingdom of Saudi Arabia.	Saudi Arabia	Saudi Arabia
Dr. Sabahuddin Siddique	Principal, Bhabha Pharmacy Research Institute, Bhabha University, Bhopal, Madhya Pradesh, India, 462026	India	India
Ms. Pragati Baghel	Assistant Professor, Chhatrapati Shivaji Institute of Pharmacy, kolihapuri, Durg, post- pisea gao, pin code: 491001, Chhattisgarh	India	India
Dr. Vijay Kumar Yadav	Assistant Professor, Department of Pharmacy Dr. Bhimrao Ambedkar University Chhalesar Campus, Agra 282006, Uttar Pradesh, India	India	India
Dr. Sweety Lanjhiyana	Professor, School of Pharmacy, Chouksey Engineering College, Bilaspur 495001, Chhattisharh, India	India	India
Dr. S.K. Lanjhiyana	Asst. Professor, SLT Institute of Pharmaceutical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, 495009, Chhattisgarh, India	India	India
Dr. Vivekanand Ankush Kashid	Principal, Dr. Kolpe Institute of Pharmacy, Kolpewadi, Tal: Kopargaon, Dist: Ahmednagar, Maharashtra - 423602, India	India	India
Ms. Makwana Rajeshreebahen Pravinkumar	Research Scholar, Faculty of Pharmacy, Dharmsinh Desai University, Nadiad, Gujarat, India Pin - 387001	India	India
Dr. Rahul Shivajirao Solunke	HOD & Associate Professor, Department of Pharmaceutics, Maharashtra College of Pharmacy, Main Road, Nilanga, Tal: Nilanga, Dist: Latur - 413521, Maharashtra, India	India	India
Mr. Vaibhav Kailas Kashid	Assistant Professor, Dr. Kolpe Institute of Pharmacy, Kolpewadi, Tal: Kopargaon, Dist: Ahmednagar, Maharashtra - 423602, India	India	India
Ms. Rajshri Santosh Kharat	Lecturer, Dr. Kolpe Institute of Pharmacy, Kolpewadi, Tal: Kopargaon, Dist: Ahmednagar, Maharashtra - 423602, India	India	India
Applicant			

Name	Address	Country	Nationality
Dr. Jaffer Sadik Mohammed	Associate professor, Sri Indu Institute of pharmacy, Sheriguda (v) Ibrahimpatnam(M) R.R. Hyderabad, Telangana 501510, India	India	India
Dr. Mohammed Jafar	Assistant Professor, Department of Pharmaceutics, College of Clinical Pharmacy, Imam Abdulrahman Bin Faisal University, Dammam, Kingdom of Saudi Arabia.	Saudi Arabia	Saudi Arabia
Dr. Sabahuddin Siddique	Principal, Bhabha Pharmacy Research Institute, Bhabha University, Bhopal, Madhya Pradesh, India, 462026	India	India
Ms. Pragati Baghel	Assistant Professor, Chhatrapati Shivaji Institute of Pharmacy, Kolihapuri, Durg, post- pisea gao, pin code: 491001, Chhattisgarh	India	India
Dr. Vijay Kumar Yadav	Assistant Professor, Department of Pharmacy Dr. Bhimrao Ambedkar University Chhalesar Campus, Agra 282006, Uttar Pradesh, India	India	India
Dr. Sweety Lanjhiyana	Professor, School of Pharmacy, Chouksey Engineering College, Bilaspur 495001, Chhattisharh, India	India	India
Dr. S.K. Lanjhiyana	Asst. Professor, SLT Institute of Pharmaceutical Sciences, Guru Ghasidas Vishwavidyalaya, Bilaspur, 495009, Chhattisgarh, India	India	India
Dr. Vivekanand Ankush Kashid	Principal, Dr. Kolpe Institute of Pharmacy, Kolpewadi, Tal: Kopargaon, Dist: Ahmednagar, Maharashtra - 423602, India	India	India
Ms. Makwana Rajeshreebahen Pravinkumar	Research Scholar, Faculty of Pharmacy, Dharmsinh Desai University, Nadiad, Gujarat, India Pin - 387001	India	India
Dr. Rahul Shivajirao Solunke	HOD & Associate Professor, Department of Pharmaceutics, Maharashtra College of Pharmacy, Main Road, Nilanga, Tal: Nilanga, Dist: Latur - 413521, Maharashtra, India	India	India
Mr. Vaibhav Kailas Kashid	Assistant Professor, Dr. Kolpe Institute of Pharmacy, Kolpewadi, Tal: Kopargaon, Dist: Ahmednagar, Maharashtra - 423602, India	India	India
Ms. Rajshri Santosh Kharat	Lecturer, Dr. Kolpe Institute of Pharmacy, Kolpewadi, Tal: Kopargaon, Dist: Ahmednagar, Maharashtra - 423602, India	India	India

Abstract:

ABSTRACT THE DEVELOPMENT AND TESTING OF A FLOATING TABLETS CONTAINING DICLOFENAC SODIUM A method for developing and testing of a floating tablet containing diclofenac sodium, the method includes a pre-formulation activity are to provide a rational basis for the formulation approaches, to maximize the chances of success in formulating an acceptable product and to ultimately provide a basis for optimizing drug product quality and performance. Melting point of drug sample is determined by using melting point apparatus. Taking and placing in a thin walled capillary tube, wherein the tube was approximately 9-11 cm in length with 1mm in diameter and closed at one end. Quantitative Solubility Quantitative solubility analysis of drugs were done by 7 ml each solvent and drug in gm(s) into the solvent till saturation of solvent. Determining of λ_{max} & prepare standard curve. Preparation of 0.1 N HCL 8.5 ml of concentrated hydrochloric acid was diluted with distilled water and the volume was made upto 1000 ml with distilled water. Obtaining the stock solution of concentration 1mg/ml, from this 1 ml was taken and diluted to 100ml using 0.1N HCl to obtain working stock solution of concentration. FIG.1

Complete Specification

Description: THE DEVELOPMENT AND TESTING OF A FLOATING TABLETS CONTAINING DICLOFENAC SODIUM

BACKGROUND**Technical Field**

[0001] The embodiments herein generally relate to the development and testing of a floating tablet and, more particularly, relate to the development and testing of a floating tablet containing diclofenac sodium.

Description of the Related Art

[0002] Floating drug delivery systems (FDDS) are invented to retain the drug in the stomach and applicable for drugs with poor solubility and low stability in intestinal fluids. The basis behind FDDS is making the dosage form less dense than the gastric fluids to make it float on them. FDDS are hydro-dynamically controlled low-density systems with sufficient buoyancy to float over the gastric contents and remain buoyant in the stomach without affecting the gastric emptying rate for a prolonged period of time. The residual system is emptied from the stomach with the release of the drug. This results in enhanced gastric residence time and good control over plasma drug concentration fluctuations. The principle of buoyant preparation offers a simple and practical approach to achieve increased gastric residence time for the dosage form and sustained drug release. Prolonging the gastric retention of a delivery system is desirable for achieving the greater therapeutic efficacy of the drug substance under certain circumstances. In addition, for sustained drug delivery to the stomach and proximal small intestine in treating certain ulcerative conditions, prolong gastric retention of the therapeutic moiety and hence offer numerous advantages including improved bioavailability and therapeutic efficacy with reduction of dosing frequency.

[View Application Status](#)



Terms & conditions (<http://ipindia.gov.in/terms-conditions.htm>) Privacy Policy (<http://ipindia.gov.in/privacy-policy.htm>) Copyright (<http://ipindia.gov.in/copyright.htm>)
 Hyperlinking Policy (<http://ipindia.gov.in/hyperlinking-policy.htm>) Accessibility (<http://ipindia.gov.in/accessibility.htm>) Archive (<http://ipindia.gov.in/archive.htm>)
 Contact Us (<http://ipindia.gov.in/contact-us.htm>) Help (<http://ipindia.gov.in/help.htm>)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019



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

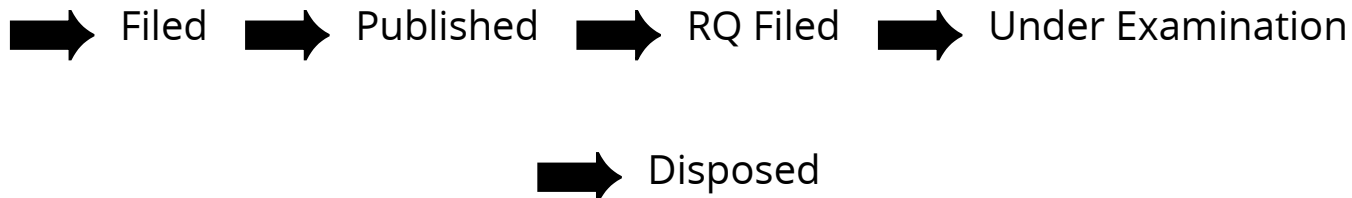
APPLICATION NUMBER	202241040993
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	18/07/2022
APPLICANT NAME	1 . Dr. Jaffer Sadik Mohammed 2 . Dr. Mohammed Jafar 3 . Dr. Sabahuddin Siddique 4 . Ms. Pragati Baghel 5 . Dr. Vijay Kumar Yadav 6 . Dr. Sweety Lanjhiyana 7 . Dr. S.K. Lanjhiyana 8 . Dr. Vivekanand Ankush Kashid 9 . Ms. Makwana Rajeshreebahren Pravinkumar 10 . Dr. Rahul Shivajirao Solunke 11 . Mr. Vaibhav Kailas Kashid 12 . Ms. Rajshri Santosh Kharat
TITLE OF INVENTION	THE DEVELOPMENT AND TESTING OF A FLOATING TABLETS CONTAINING DICLOFENAC SODIUM
FIELD OF INVENTION	CHEMICAL
E-MAIL (As Per Record)	vaagaiip@gmail.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	19/08/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination

[View Documents](#)



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

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<shttp://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

[Skip to Main Content](#)



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



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

Patent Search

Invention Title	AN ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING BASED AUTOMATIC PENALTY DEVICE AND ITS METHOD THEREOF
Publication Number	35/2022
Publication Date	02/09/2022
Publication Type	INA
Application Number	202221038454
Application Filing Date	04/07/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	COMPUTER SCIENCE
Classification (IPC)	G06K0009000000, G06K0009320000, G06K0009460000, G06T0007246000, G06T0007194000

Inventor

Name	Address	Country	Nationality
Dr. Rohit Raja	Associate Professor & Head, Department of Information Technology, SoS (E&T), Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur, Chhattisgarh – 495009, India	India	India
Prof. Shailendra Kumar	Professor, Department of Civil Engineering SoS (E&T), Guru Ghasidas, Vishwavidyalaya (A Central University), Bilaspur, Chhattisgarh – 495009, India	India	India
Dr Alok Kumar Singh Kushwaha	Associate Professor & Head, Department of Computer Science & Engineering, SoS (E&T), Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur, Chhattisgarh – 495009, India	India	India
Dr. Sharad Chandra Srivastava	Professor and Head, Industrial & Production Engineering, Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur, Chhattisgarh – 495009, India	India	India
Amit Kumar Dewangan	Assistant Professor, Department of Information Technology, SoS (E&T), Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur, Chhattisgarh – 495009, India	India	India
Dr. Akhilesh Kumar Shrivastava	Assistant Professor, Department of Computer Science and Information Technology, Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh – 495009, India	India	India
Vikas Kumar Pandey	Assistant Professor, Department of Computer Science and Information Technology, Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh – 495009, India	India	India
Dr Hiral Raja	Associate Professor, Department of Mathematics, Dr C V Raman University, Bilaspur, Chhattisgarh - 495113, India	India	India

Applicant

Name	Address	Country	Nationality
Dr. Rohit Raja	Associate Professor & Head, Department of Information Technology, SoS (E&T), Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur, Chhattisgarh – 495009, India	India	India
Prof. Shailendra Kumar	Professor, Department of Civil Engineering SoS (E&T), Guru Ghasidas, Vishwavidyalaya (A Central University), Bilaspur, Chhattisgarh – 495009, India	India	India
Dr Alok Kumar Singh Kushwaha	Associate Professor & Head, Department of Computer Science & Engineering, SoS (E&T), Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur, Chhattisgarh – 495009, India	India	India
Dr. Sharad Chandra Srivastava	Professor and Head, Industrial & Production Engineering, Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur, Chhattisgarh – 495009, India	India	India
Amit Kumar Dewangan	Assistant Professor, Department of Information Technology, SoS (E&T), Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur, Chhattisgarh – 495009, India	India	India
Dr. Akhilesh Kumar Shrivastava	Assistant Professor, Department of Computer Science and Information Technology, Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh – 495009, India	India	India
Vikas Kumar Pandey	Assistant Professor, Department of Computer Science and Information Technology, Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh – 495009, India	India	India
Dr Hiral Raja	Associate Professor, Department of Mathematics, Dr C V Raman University, Bilaspur, Chhattisgarh - 495113, India	India	India

Abstract:

The automatic penalty device comprises a camera to capture video of a player and goal area; an image sequencing unit to transmute captured video into a set of frames; a pre-processing unit to remove noise from the set of frames and augment the frame's precision upon converting RGB format frames into HSV format frames; a background removal unit to separate foreground object upon removing background thereby a DPHE is implemented to the extracted frame for CE and highlighting the frame quality; a motion estimation unit to detect moving objects; an object tracking unit to track the moving object on the video frames; a feature extraction unit to extract a set of features; a RBF-FDLNN classifier to detect a player from the moving objects; and a control unit to activate a football shooting machine for shooting a football in a goal post by dodging the player.

Complete Specification

Description:FIELD OF THE INVENTION

The present disclosure relates to an automatic penalty device and method to ensure optimum special training for developing fielders and goalkeepers using artificial intelligence and machine learning.

BACKGROUND OF THE INVENTION

The football cannon ensures optimum special training for developing fielders and goalkeepers. Both technically and tactically, the football cannon helps improve the strong and weak points of football players. Improving and fine-tuning these core competencies and skills require special training – individually, in groups and in full teams. Some of the most important elements in special training are repetition and precision of the exercises aimed at improving player competences.

However, the existing football cannon fails in ensuring repetition and precision and shoots a football in a pattern or shoots the football randomly, which results in lack of proper training. In the view of the forgoing discussion, it is clearly portrayed that there is a need to have an artificial intelligence and machine learning based automatic penalty device.

[View Application Status](#)



[Terms & conditions \(http://ipindia.gov.in/terms-conditions.htm\)](http://ipindia.gov.in/terms-conditions.htm) [Privacy Policy \(http://ipindia.gov.in/privacy-policy.htm\)](http://ipindia.gov.in/privacy-policy.htm) [Copyright \(http://ipindia.gov.in/copyright.htm\)](http://ipindia.gov.in/copyright.htm)

[Hyperlinking Policy \(http://ipindia.gov.in/hyperlinking-policy.htm\)](http://ipindia.gov.in/hyperlinking-policy.htm) [Accessibility \(http://ipindia.gov.in/accessibility.htm\)](http://ipindia.gov.in/accessibility.htm) [Archive \(http://ipindia.gov.in/archive.htm\)](http://ipindia.gov.in/archive.htm)

[Contact Us \(http://ipindia.gov.in/contact-us.htm\)](http://ipindia.gov.in/contact-us.htm) [Help \(http://ipindia.gov.in/help.htm\)](http://ipindia.gov.in/help.htm)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019



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

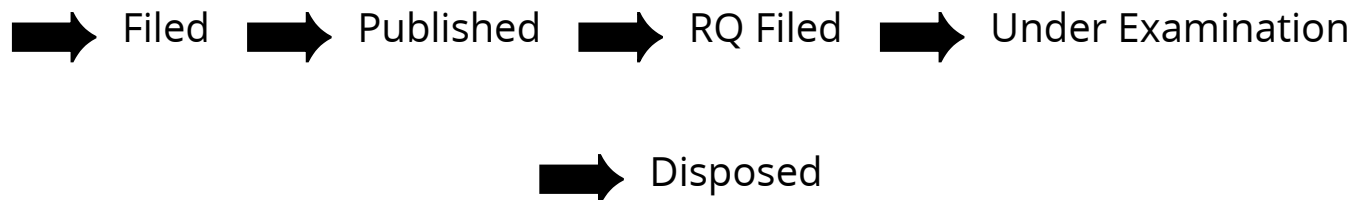
APPLICATION NUMBER	202221038454
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	04/07/2022
APPLICANT NAME	1 . Dr. Rohit Raja 2 . Prof. Shailendra Kumar 3 . Dr Alok Kumar Singh Kushwaha 4 . Dr. Sharad Chandra Srivastava 5 . Amit Kumar Dewangan 6 . Dr. Akhilesh Kumar Shrivastava 7 . Vikas Kumar Pandey 8 . Dr Hiral Raja
TITLE OF INVENTION	AN ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING BASED AUTOMATIC PENALTY DEVICE AND ITS METHOD THEREOF
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	mail@ideas2ipr.com
ADDITIONAL-EMAIL (As Per Record)	mail@ideas2ipr.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	19/01/2023
PUBLICATION DATE (U/S 11A)	02/09/2022
REPLY TO FER DATE	14/06/2023

Application Status

APPLICATION STATUS

Application in Hearing

[View Documents](#)



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

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<http://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

[Skip to Main Content](#)



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



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

Patent Search

Invention Title	RAPID ULTRASONICATION SYNTHESIS OF EFFICIENT AND STABLE CH ₃ NH ₃ Pb _{0.90} Sn _{0.10} Br _{2.6} Cl _{0.4} /PMMA PEROVSKITE QUANTUM DOTS THIN FILMS
Publication Number	28/2022
Publication Date	15/07/2022
Publication Type	INA
Application Number	202221037431
Application Filing Date	29/06/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	ELECTRONICS
Classification (IPC)	H01L0051000000, B82Y0020000000, C09K0011660000, B82Y0030000000, C09K0011880000

Inventor

Name	Address	Country	Nationality
Dr. Jai Singh	Associate Professor Department: Pure and Applied Physics Guru Ghasidas Vishwavidyalaya (A Central University) ,Koni , Bilaspur, Pin: 495009 State: Chhattisgarh Country: India	India	India
Rajan Kumar Singh	Postdoc Department: Department of Chemical Engineering Dept of physics, Sagar University, Sagar, MP Pin:430003 State: Madhaya Pradesh Country: India	India	India
Dr. R. P. Patel	Associate Professor Department: Pure and Applied Physics Guru Ghasidas Vishwavidyalaya (A Central University) ,Koni , Bilaspur, Pin: 495009 State: Chhattisgarh Country: India	India	India

Applicant

Name	Address	Country	Nationality
Dr. Jai Singh	Associate Professor Department: Pure and Applied Physics Guru Ghasidas Vishwavidyalaya (A Central University) ,Koni , Bilaspur, Pin: 495009 State: Chhattisgarh Country: India	India	India
Rajan Kumar Singh	Postdoc Department: Department of Chemical Engineering Dept of physics, Sagar University, Sagar, MP Pin:430003 State: Madhaya Pradesh Country: India	India	India
Dr. R. P. Patel	Associate Professor Department: Pure and Applied Physics Guru Ghasidas Vishwavidyalaya (A Central University) ,Koni , Bilaspur, Pin: 495009 State: Chhattisgarh Country: India	India	India

Abstract:

Rapid ultrasonication synthesis of efficient and stable CH₃NH₃Pb_{0.90}Sn_{0.10}Br_{2.6}Cl_{0.4}/PMMA perovskite quantum dots thin films
 ABSTRACT: Recently, Perovskite quantum dots have attracted the attention of researchers and industry because of their various applications like solar cells, light-emitting diodes (LEDs), and sensing devices. The general quantum dot material is a colloidal suspension (Colloidal Suspension), which can be synthesized by wet chemical method to exactly regulate the size, morphology, and purity of quantum dots, and achieve high photoluminescence quantum benefits (Photoluminescence Quantum Yield; PLQY). In addition, due to the characteristics of the colloidal suspension, it is inexpensive to use, calmer to process, and at ease to fabricate in a large-area, large-scale solution process. The most common quantum dot structures generally include an inorganic semiconductor core layer (Core, about 1 to 10 nm in diameter), a wide bandgap semiconductor, and the outermost organic ligand. Perovskite QDs have excellent electronic and optical properties. Tunable bandgap, sharp PL band emission, high color purity, and high PLQY of PQDs make it suitable for optoelectronic applications. However low stability and complex synthesis of PQDs make it difficult to commercialize. Up to date utmost of the perovskite, QDs are fabricated via a hot injection method that required a high temperature (up to 250°C), an inert atmosphere, and a long-time duration. Additionally, bulk production and the presence of impurity inside the PQDs are also other issues through traditional synthesis approaches. Thus to commercialize the PQDs for optoelectronics applications, the bulk production of stable PQDs is obligatory. In this work, a rapid ultrasonication synthesis approach was used. Series of samples can be prepared only within 30 minutes. The Ultrasonication method is helpful for bulk production of PQDs because it is easy to set parameters and there is a very low chance of tyranny of the instruments. Furthermore, only temperatures were required up to 70°C. We have selected the proper chemical structure and composition of the PQDs that make them more stable and efficient. To stabilize under ambient, humidity, water, and heat, the prepared PQDs were encapsulated with PMMA polymers. Furthermore, PQDs thin films were fabricated through the centrifugation method. Thus to our best of knowledge, it is the first time reported CH₃NH₃Pb_{0.90}Sn_{0.10}Br_{2.6}Cl_{0.4}/PMMA perovskite quantum dots thin films through ultrasonication at room temperature.

Complete Specification

Description: Synthesis:

Materials Required

Commercially available PbBr₂ powder, aqueous HBr, hydrobromic acid (48 wt% in water), MA, methylamine solution (40% solution with H₂O, Merck), methanol (Merck), anhydrous dimethyl formamide, DMF, toluene, oleic acid and Oleylamine were used for the synthesis of PQDs.

Preparation of CH₃NH₃Pb_{0.90}Sn_{0.10}Br_{2.6}Cl_{0.4} PQDs

MABr (CH₃NH₃Br), organic electrolyte salt was synthesized as a precursor for the MAPbBr₃ and CH₃NH₃Pb_{0.90}Sn_{0.10}Br_{2.6}Cl_{0.4} PQDs. PQDs were synthesized into mainly 3 steps as (i) preparation of perovskite precursor, (ii) dispersion of PQDs into antisolvent, and (iii) purification of the PQDs. For the fabrication of MAPbBr₃ PQDs, 1.12 gm of MABr and 2.94 gm of PbBr₂ (98% alpha Asher, USA), 0.34 gm of SnCl₂ (> 99%, Sigma Aldrich), were mixed into 100 ml DMF (99.80% Sigma Aldrich), and probe ultrasonicated for 3-4 minutes at ambient temperature. Afterward, 20 ml oleic acid (> 99%, Sigma Aldrich) and 1.8 ml of oleylamine, OLA (technical grade, 70%, Sigma Aldrich) were dropped into the DMF organic solvent to get the required homogeneous perovskite precursor. Further, 1L of toluene (Sigma Aldrich), was occupied in a distinct beaker and ultrasonicated at 70°C for only 2 minutes. Then 35 mL of synthesized perovskite precursor was added into the toluene beaker and kept ultrasonication for 1 min at 70°C. To purify the PQDs, the as-synthesized samples were centrifuged at 13000 rpm for 10 minutes. Supernatants were discarded, and the precipitates were again dispersed into 1L of toluene. Afterward, dispersed samples were sonicated for 2 minutes at ambient temperature. And again centrifuged at 8000 rpm for 15 minutes. The colloidal solutions were then separated cautiously and stored in vacuum-packed vials. CH₃NH₃Pb_{0.90}Sn_{0.10}Br_{2.6}Cl_{0.4}/PMAA PQDs solutions were prepared via mixing the 10 ml of obtained PQDs colloidal solution and 10 ml of PMAA solution at room temperature and ambient conditions. PMAA solution was fabricated by dissolving 6 gm of PMAA powder into 60 ml of

[View Application Status](#)



**Department of Industrial
Policy and Promotion**
Government of India

Terms & conditions (<http://ipindia.gov.in/terms-conditions.htm>) Privacy Policy (<http://ipindia.gov.in/privacy-policy.htm>) Copyright (<http://ipindia.gov.in/copyright.htm>)
Hyperlinking Policy (<http://ipindia.gov.in/hyperlinking-policy.htm>) Accessibility (<http://ipindia.gov.in/accessibility.htm>) Archive (<http://ipindia.gov.in/archive.htm>)
Contact Us (<http://ipindia.gov.in/contact-us.htm>) Help (<http://ipindia.gov.in/help.htm>)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019



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>)

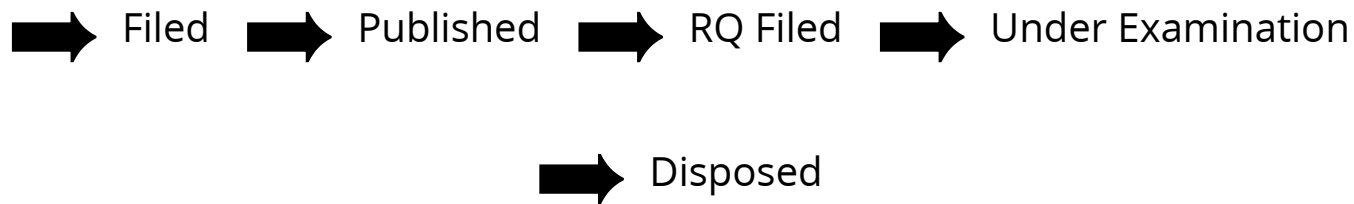
Application Details

APPLICATION NUMBER	202221037431
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	29/06/2022
APPLICANT NAME	1 . Dr. Jai Singh 2 . Rajan Kumar Singh 3 . Dr. R. P. Patel
TITLE OF INVENTION	RAPID ULTRASONICATION SYNTHESIS OF EFFICIENT AND STABLE CH ₃ NH ₃ PB _{0.90} SN _{0.10} BR _{2.6} CL _{0.4} /PMMA PEROVSKITE QUANTUM DOTS THIN FILMS
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	senanipindia@gmail.com
ADDITIONAL-EMAIL (As Per Record)	admin@senanip.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	15/07/2022

Application Status

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

[View Documents](#)



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

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<shttp://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

[Skip to Main Content](#)



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



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

Patent Search

Invention Title	The tracking of items in logistics and supply chain using block chain technology		
Publication Number	27/2022		
Publication Date	08/07/2022		
Publication Type	INA		
Application Number	202241037149		
Application Filing Date	28/06/2022		
Priority Number			
Priority Country			
Priority Date			
Field Of Invention	COMPUTER SCIENCE		
Classification (IPC)	G06Q0010080000, G06Q0010060000, G06Q0050280000, G06Q0099000000, H05K0001020000		
Inventor			
Name	Address	Country	Nationality
Mr .Svn Kumar	Assistant Professor, MBA, School of Management Studies, JNTUK, Kakinada	India	India
Dr Sagar G	Faculty of Management Studies , MBA , Bangalore University , Karnataka	India	India
Dr.B.Girimurugan	Assistant Professor, Management Studies, KL Deemed to be a University Guntur	India	India
Dr G Ramesh Pandi	Assistant Professor, Commerce, Kalasalingam Academy of Research and Education (Deemed to be University), Virudhunagar District	India	India
Dr. Atul Kumar Sahu,	Assistant Professor, Department of Industrial and Production Engineering, School of Studies in Engineering and Technology,Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur, 495001	India	India
Dr. S. Santhana Jeyalakshmi	Associate Professor, Management Studies, Mohamed Sathak Engineering College, Kilakarai, Ramanathapuram	India	India
Dr. Anoop Kumar Sahu	Assistant Professor, Department of Mechanical Engineering, School Of Studies In Engineering & Technology, Guru Ghasidas Vishwavidyalaya (Central University) Koni, Bilaspur (C.G.), Bilaspur	India	India
Dr. Pasupuleti Subrahmanya Ranjit	Professor, Mechanical Engineering , Aditya Engineering College, Surampalem	India	India
Dr. Saurabh Kumar Sharma	Principal, Deptt. Of Management & Commerce, SBMT- School of Business Management & Technology, Bulandshahar	India	India
Dr. Yashodhan Prakash Mahajan	Head department of Accountancy, Accountancy, Brihan Maharashtra College of Commerce, Pune	India	India
Mr.J Logeshwaran	Research Scholar, Department of Electronics and Communication Engineering, Sri Eshwar College of Engineering, Coimbatore	India	India
Dr. V.Kannan	Managing director, CLDC Research and Development No.997, Mettupalayam Road, Near X-Cut Signal,R.S.Puram, Coimbatore-641002	India	India
Applicant			

Name	Address	Country	Nationality
Mr .Svn Kumar	Assistant Professor, MBA, School of Management Studies, JNTUK, Kakinada	India	India
Dr Sagar G	Faculty of Management Studies , MBA , Bangalore University , Karnataka	India	India
Dr.B.Girimurugan	Assistant Professor, Management Studies, KL Deemed to be a University Guntur	India	India
Dr G Ramesh Pandi	Assistant Professor, Commerce, Kalasalingam Academy of Research and Education (Deemed to be University), Virudhunagar District	India	India
Dr. Atul Kumar Sahu,	Assistant Professor, Department of Industrial and Production Engineering, School of Studies in Engineering and Technology,Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur, 495001	India	India
Dr. S. Santhana Jeyalakshmi	Associate Professor, Management Studies, Mohamed Sathak Engineering College, Kilakarai, Ramanathapuram	India	India
Dr. Anoop Kumar Sahu	Assistant Professor, Department of Mechanical Engineering, School Of Studies In Engineering & Technology, Guru Ghasidas Vishwavidyalaya (Central University) Koni, Bilaspur (C.G.), Bilaspur	India	India
Dr. Pasupuleti Subrahmanya Ranjit	Professor, Mechanical Engineering , Aditya Engineering College, Surampalem	India	India
Dr. Saurabh Kumar Sharma	Principal, Deptt. Of Management & Commerce, SBMT- School of Business Management & Technology, Bulandshahar	India	India
Dr. Yashodhan Prakash Mahajan	Head department of Accountancy, Accountancy, Brihan Maharashtra College of Commerce, Pune	India	India
Mr.J Logeshwaran	Research Scholar, Department of Electronics and Communication Engineering, Sri Eshwar College of Engineering, Coimbatore	India	India
Dr. V.Kannan	Managing director, CLDC Research and Development No.997, Mettupalayam Road, Near X-Cut Signal,R.S.Puram, Coimbatore-641002	India	India

Abstract:

TITLE - The tracking of items in logistics and supply chain using block chain technology Abstract In the current industry environment, it is important for businesses that the supply chain is secure, flexible and well managed. Proper security refers to the security of the company, especially in cases where the supply chain is too large and complex. Supply chain protection is a broad concept that encompasses the quality approach and performance of supplier companies, their responsibilities to the environment and how they comply with legal regulations. The supply chain security management system combines traditionally used supply chain management practices with security measures to protect the supplier's operations from threats such as terrorism, theft and theft. In general, key aspects of security management are issues such as supplier company registration approval, freight reviews, and freight security.

Complete Specification

Description:TITLE - The tracking of items in logistics and supply chain using block chain technology

Background of the problem

Today supply chains are globalized and increasingly complex. Therefore, businesses face higher security risks and compliance barriers. Once the supply chain security management system is in place, the necessary tools and services are provided to identify these risks and barriers in advance and manage them effectively. Many businesses rely on suppliers to continue their operations. However, the consequences of a problem arising in one of the supplier companies can create significant risks that could tarnish the reputation of the business. Today, managing supply chain security for small and medium-sized businesses is not easy. In this sense, supply chain security services provided by accredited companies are important not only for large businesses but also for such businesses. When supplier risks are mentioned, risks such as delays, failures, system failures, miscalculations, purchase errors, internal malfunctions, stock issues and capacity issues are understood. In other words, the risks of the supplier are not delivering the products on time, not having the quantity and quality required, not sharing the supplier's information completely and accurately, and not choosing the supplier companies correctly. According to the results of the research, the risks of the supplier company increase costs and negatively affect the business performance.

Risks such as planning and control errors, lack of teamwork and management weakness in supplier companies also negatively affect business performance. Supply chain protection is the work done to prevent contamination, damage or destruction of materials in the supply chain, knowingly or unknowingly, and to protect the supply chain against potential hazards. In general, supply chain security services are important for import companies, exporters, manufacturers, and other companies involved in the supply chain to facilitate complex processes. In international trade, the practice of checking whether the goods to be shipped are compliant with the terms of the agreement

[View Application Status](#)



**Department of Industrial
Policy and Promotion**
Government of India

Terms & conditions (<http://ipindia.gov.in/terms-conditions.htm>) Privacy Policy (<http://ipindia.gov.in/privacy-policy.htm>) Copyright (<http://ipindia.gov.in/copyright.htm>)
Hyperlinking Policy (<http://ipindia.gov.in/hyperlinking-policy.htm>) Accessibility (<http://ipindia.gov.in/accessibility.htm>) Archive (<http://ipindia.gov.in/archive.htm>)
Contact Us (<http://ipindia.gov.in/contact-us.htm>) Help (<http://ipindia.gov.in/help.htm>)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019



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>)



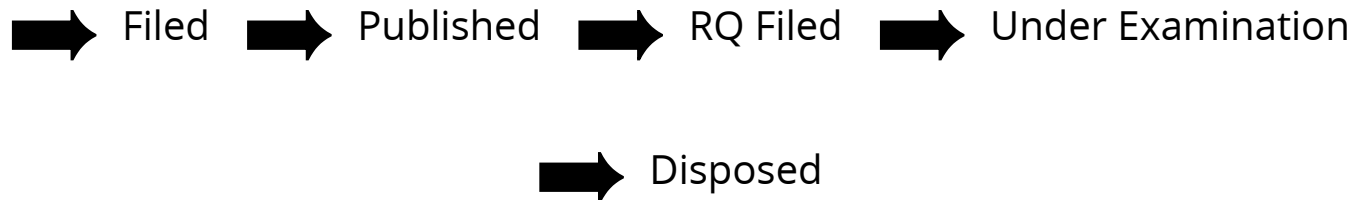
(<http://ipindia.nic.in/index.htm>)

Application Details

APPLICATION NUMBER	202241037149
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	28/06/2022
APPLICANT NAME	1 . Mr .Svn Kumar 2 . Dr Sagar G 3 . Dr.B.Girimurugan 4 . Dr G Ramesh Pandi 5 . Dr. Atul Kumar Sahu, 6 . Dr. S. Santhana Jeyalakshmi 7 . Dr. Anoop Kumar Sahu 8 . Dr. Pasupuleti Subrahmanya Ranjit 9 . Dr. Saurabh Kumar Sharma 10 . Dr. Yashodhan Prakash Mahajan 11 . Mr.J Logeshwaran 12 . Dr. V.Kannan
TITLE OF INVENTION	The tracking of items in logistics and supply chain using block chain technology
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	arinnapatent@gmail.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	08/07/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination[View Documents](#)

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

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<shttp://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

[Skip to Main Content](#)



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



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

Patent Search

Invention Title	ABUTILON INDICUM EXTRACT AND THEIR ANALGESIC ACTIVITY
Publication Number	28/2022
Publication Date	15/07/2022
Publication Type	INA
Application Number	202221036766
Application Filing Date	27/06/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	BIOTECHNOLOGY
Classification (IPC)	A61K0036185000, C07D0207333000, A61K0036710000, A01N0065000000, A61K0031510000

Inventor

Name	Address	Country	Nationality
Mr. Harish Gupta	Principal, Raigarh college of Education (Pharmacy), Siyarpali, Raigarh, Chhattisgarh, India, pin-496001	India	India
Mr. Chandra Prakash Dwivedi	Principal, Bodhni Devi Pharmacy Diploma College Post Box No.-10, Village – Pandripani Hajariguda, Pamela, Jagdalpur, Distt. Bastar, Chhattisgarh, India, pin-494001	India	India
Mr. Aakash Gupta	Assistant Professor, Raigarh College of Pharmacy, Kotrapali, Jurda, Near DPS, Raigarh, Chhattisgarh, India, pin-496001	India	India
Mr. Gaurav Verma	Vice Principal, Sita Ram Kashyap College of Pharmacy, Rahod, Chhattisgarh, India, pin-495556	India	India
Mrs. Asha Tiwari	Sardar Patel University, Balaghat, Madhya Pradesh, India, pin-481001	India	India
Mr. Omprakash Patel	Assistant Professor, Raigarh College of Pharmacy, Kotrapali, Jurda, Near DPS, Raigarh, Chhattisgarh, India, pin-496001	India	India
Ms. Yogyata Sahu	Faculty of Pharmaceutical Sciences, Shari Shankaracharya Technical Campus, Bhilai, Chattisgarh, India, pin-490020	India	India
Mr. Chitranjan Nayak	Assistant Professor, Raigarh College of Pharmacy, Kotrapali, Jurda, Near DPS, Raigarh, Chhattisgarh, India, pin-496001	India	India
Mr. Pushpendra Kumar	Assistant Professor, Apollo College of Pharmacy, Anjora, Durg, Chhattisgarh, India, pin-491001	India	India
Mr. Bhupendra Kumar Yadav	Associate Professor, Rungata Institute of Pharmaceutical Sciences, Kohka, Bhilai, Chattisgarh, India, pin-490023	India	India
Ms. Madhu Sahu	Associate Professor, Rungata Institute of Pharmaceutical Sciences, Kohka, Bhilai, Chattisgarh, India, pin-490023	India	India
Ms. Gayatri Devi Biswal	Ph.D scholar, Guru Ghasidas Vishwavidyalaya, Koni, Bilaspur, Chhattisgarh, India, pin- 495009	India	India

Applicant

Name	Address	Country	Nationality
Mr. Harish Gupta	Principal, Raigarh college of Education (Pharmacy), Siyarpali, Raigarh, Chhattisgarh, India, pin-496001	India	India
Mr. Chandra Prakash Dwivedi	Principal, Bodhni Devi Pharmacy Diploma College Post Box No.-10, Village – Pandripani Hajariguda, Pamela, Jagdalpur, Distt. Bastar, Chhattisgarh, India, pin-494001	India	India
Mr. Aakash Gupta	Assistant Professor, Raigarh College of Pharmacy, Kotrapali, Jurda, Near DPS, Raigarh, Chhattisgarh, India, pin-496001	India	India
Mr. Gaurav Verma	Vice Principal, Sita Ram Kashyap College of Pharmacy, Rahod, Chhattisgarh, India, pin-495556	India	India
Mrs. Asha Tiwari	Sardar Patel University, Balaghat, Madhya Pradesh, India, pin-481001	India	India
Mr. Omprakash Patel	Assistant Professor, Raigarh College of Pharmacy, Kotrapali, Jurda, Near DPS, Raigarh, Chhattisgarh, India, pin-496001	India	India
Ms. Yogyata Sahu	Faculty of Pharmaceutical Sciences, Shari Shankaracharya Technical Campus, Bhilai, Chattisgarh, India, pin-490020	India	India
Mr. Chitranjan Nayak	Assistant Professor, Raigarh College of Pharmacy, Kotrapali, Jurda, Near DPS, Raigarh, Chhattisgarh, India, pin-496001	India	India
Mr. Pushpendra Kumar	Assistant Professor, Apollo College of Pharmacy, Anjora, Durg, Chhattisgarh, India, pin-491001	India	India
Mr. Bhupendra Kumar Yadav	Associate Professor, Rungata Institute of Pharmaceutical Sciences, Kohka, Bhilai, Chattisgarh, India, pin-490023	India	India
Ms. Madhu Sahu	Associate Professor, Rungata Institute of Pharmaceutical Sciences, Kohka, Bhilai, Chattisgarh, India, pin-490023	India	India
Ms. Gayatri Devi Biswal	Ph.D scholar, Guru Ghasidas Vishwavidyalaya, Koni, Bilaspur, Chhattisgarh, India, pin- 495009	India	India

Abstract:

The present invention relates to herbal extract. The present invention particularly relates to process for the preparation of Abutilon indicum extract and their analgesic activity. The writhing method, tail flick method and tail immersion method were used to measure peripheral and central analgesic activity. The maximum writhing inhibition for Abutilon indicum extract is with petroleum ether extract followed by water extract and ethanol extract. The reaction time in tail flick method and tail immersion method was highest with petroleum ether extract of Abutilon indicum.

Complete Specification**Description: Technical Field of the Invention**

The present invention relates to herbal extract. The present invention particularly relates to process for the preparation of Abutilon indicum extract and their analgesic activity.

Background of the Invention

Abutilon indicum Linn. (Malvaceae) commonly called 'Country Mallow' is a perennial plant, up to 3 m in height, abundantly found as a weed in the sub-Himalayan tract. Abutilon indicum Linn. have pharmacological activity like analgesic, hepatoprotective, immunomodulatory, hypoglycemic, anti-inflammatory, cytotoxic, antimicrobial, anti-arthritis, antioxidant, wound healing, lipid lowering activity [Ahmed, M., Amin, S., Islam, M., Takahashi, M., Okuyama, E. and Hossain, C.F., 2000. Analgesic principle from Abutilon indicum. Die pharmazie, 55(4), pp.314-316; Porchezian, E. and Ansari, S.H., 2005. Hepatoprotective activity of Abutilon indicum on experimental liver damage in rats. Phytomedicine, 12(1-2), pp.62-64; Dashputre, N.L. and Naikwade, N.S., 2010. Immunomodulatory activity of Abutilon indicum linn on albino mice. Int J Pharm Sci Res, 1(3), pp. 178-184; Seetharam, Y.N., Chalageri, G. and Setty, S.R., 2002. Hypoglycemic activity of Abutilon indicum leaf extracts in rats. Fitoterapia, 73(2), pp.156-159; Rajurkar, R., Jain, R., Matake, N., Aswar, P. and Khadbadi, S.S., 2009. Anti-inflammatory action of Abutilon indicum (L.) sweet leaves by HRBC membrane stabilization. Research Journal of pharmacy and Technology, 2(2), pp.415-416; Abdul, M.M., Sarker, A.A., Saiful, I.M. and Muniruddin, A., 2010. Cytotoxic and antimicrobial activity of the crude extract of Abutilon indicum. International Journal of Pharmacognosy and Phytochemical Research, 2(1), pp.1-4; Ravi, L. and Manasvi, V., 2016. Antibacterial and antioxidant activity of saponin from Abutilon indicum leaves. Asian Journal of Pharmaceutical and Clinical Research, pp.344-347; Roshan, S., Ali, S., Khan, A., Tazneem, B. and Purohit, M.G., 2008. PHCOG MAG.: Research Article Wound Healing activity of Abutilon Indicum. Phcog Mag, 4(15), p.85]. Abutilon indicum has usefulness for treatment of bronchial asthma [Paranjhape, A.N. and Mehta, A.A., 2006. A study on clinical efficacy of Abutilon indicum in treatment of bronchial asthma. Advances in Traditional Medicine, 6(4), pp.330-335]. However, there is still

[View Application Status](#)

Terms & conditions (<http://ipindia.gov.in/terms-conditions.htm>) Privacy Policy (<http://ipindia.gov.in/privacy-policy.htm>) Copyright (<http://ipindia.gov.in/copyright.htm>)

Hyperlinking Policy (<http://ipindia.gov.in/hyperlinking-policy.htm>) Accessibility (<http://ipindia.gov.in/accessibility.htm>) Archive (<http://ipindia.gov.in/archive.htm>)

Contact Us (<http://ipindia.gov.in/contact-us.htm>) Help (<http://ipindia.gov.in/help.htm>)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019



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

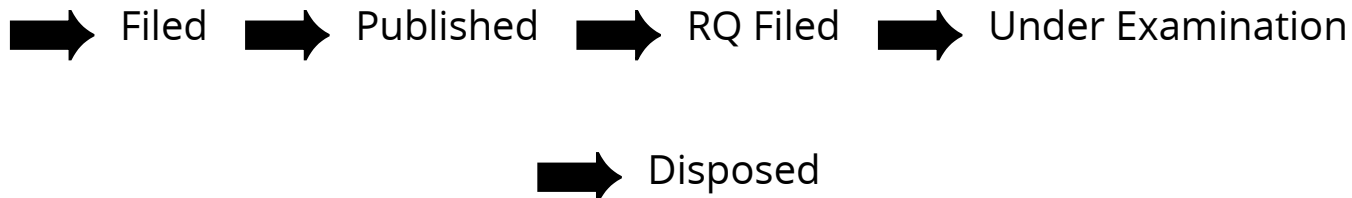
APPLICATION NUMBER	202221036766
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	27/06/2022
APPLICANT NAME	1 . Mr. Harish Gupta 2 . Mr. Chandra Prakash Dwivedi 3 . Mr. Aakash Gupta 4 . Mr. Gaurav Verma 5 . Mrs. Asha Tiwari 6 . Mr. Omprakash Patel 7 . Ms. Yogyata Sahu 8 . Mr. Chitranjan Nayak 9 . Mr. Pushpendra Kumar 10 . Mr. Bhupendra Kumar Yadav 11 . Ms. Madhu Sahu 12 . Ms. Gayatri Devi Biswal
TITLE OF INVENTION	ABUTILON INDICUM EXTRACT AND THEIR ANALGESIC ACTIVITY
FIELD OF INVENTION	BIOTECHNOLOGY
E-MAIL (As Per Record)	prabhakar_sharma@outlook.com
ADDITIONAL-EMAIL (As Per Record)	prabhakars@thirdip.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	15/07/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination

[View Documents](#)



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

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<http://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

[Skip to Main Content](#)



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



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

Patent Search

Invention Title	BIOMEDICAL INTERVENTIONS FOR ANALYSING THE PROTEINS AND GENETIC FACTORS THAT ARE RESPONSIBLE FOR CAUSING CANCER		
Publication Number	27/2022		
Publication Date	08/07/2022		
Publication Type	INA		
Application Number	202241035945		
Application Filing Date	22/06/2022		
Priority Number			
Priority Country			
Priority Date			
Field Of Invention	BIO-MEDICAL ENGINEERING		
Classification (IPC)	G16H0050700000, G16H0010600000, G06N0003040000, G11C0011540000, G16H0080000000		
Inventor			
Name	Address	Country	Nationality
SUJITH RAVI	ASSISTANT PROFESSOR, DEPARTMENT OF MICROBIOLOGY, SRM MEDICAL COLLEGE HOSPITAL AND RESEARCH CENTRE, FACULTY OF MEDICINE AND HEALTH SCIENCES, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY, SRM NAGAR, KATTANKULATHUR - 603203, CHENGALPATTU.	India	India
NILU KUMARI	ASSISTANT PROFESSOR, RKDF UNIVERSITY RANCHI ARGORA KATHAL MORE ROAD DHIPATOLI PUNDAG OPPOSITE WATER TANK RANCHI JHARKHAND -834004	India	India
DR. SWEETY LANJHIYANA	PROFESSOR, SCHOOL OF PHARMACY, CHOUKSEY ENGINEERING COLLEGE, BILASPUR - 495004, CHHATTISGARH, INDIA	India	India
DR. S. K. LANJHIYANA	ASSISTANT PROFESSOR, INSTITUTE OF PHARMACEUTICAL SCIENCES, GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR - 495009, CHHATTISGARH, INDIA	India	India
MR. CHHATRAPAL	ASSISTANT PROFESSOR, GAYATRI COLLEGE OF PHARMACY, DANTEWADA - 494449, CHHATTISGARH, INDIA	India	India
VAIBHAV SARJERAO GAWADE	ASSISTANT PROFESSOR, DEPARTMENT OF PHARMACEUTICAL CHEMISTRY, DR.D.Y.PATIL INSTITUTE OF PHARMACEUTICAL SCIENCES AND RESEARCH, PUNE 411018	India	India
DR V BHOOPATHY	PROFESSOR, DEPARTMENT OF CSE, MALLA REDDY COLLEGE OF ENGINEERIN SECUNDERABAD	India	India
NEHA SRIVASTAVA	ASSISTANT PROFESSOR, FACULTY OF PHARMACEUTICAL SCIENCES, RAMA UNIVERSITY MANDHANA KANPUR, 209217	India	India
DR HARISHCHANDER ANANDARAM	ASSISTANT PROFESSOR, CENTRE FOR EXCELLENCE IN COMPUTATIONAL ENGINEERING AND NETWORKING, AMRITA VISHWA VIDYAPEETHAM, COIMBATORE - 641112, TAMIL NADU, INDIA	India	India
DR. DEVVRET VERMA	ASSISTANT PROFESSOR, DEPARTMENT OF BIOTECHNOLOGY, GRAPHIC ERA DEEMED TO BE UNIVERSITY, DEHRADUN, UTTRAKHAND, INDIA 248002	India	India
SUNIL KUMAR	ASSISTANT PROFESSOR, DEPTT. OF PHARMACY, K R MANGALAM UNIVERSITY, GURUGRAM 122103	India	India
DR. VINOD KUMAR	ASSOCIATE PROFESSOR, DEPARTMENT OF PHARMACY, OM STERLING GLOBAL UNIVERSITY, HISAR.	India	India
Applicant			

Name	Address	Country	Nationality
SUJITH RAVI	ASSISTANT PROFESSOR, DEPARTMENT OF MICROBIOLOGY, SRM MEDICAL COLLEGE HOSPITAL AND RESEARCH CENTRE, FACULTY OF MEDICINE AND HEALTH SCIENCES, SRM INSTITUTE OF SCIENCE AND TECHNOLOGY, SRM NAGAR, KATTANKULATHUR - 603203, CHENGALPATTU.	India	India
NILU KUMARI	ASSISTANT PROFESSOR, RKDF UNIVERSITY RANCHI ARGORA KATHAL MORE ROAD DHIPATOLI PUNDAG OPPOSITE WATER TANK RANCHI JHARKHAND -834004	India	India
DR. SWEETY LANJHIYANA	PROFESSOR, SCHOOL OF PHARMACY, CHOUKSEY ENGINEERING COLLEGE, BILASPUR - 495004, CHHATTISGARH, INDIA	India	India
DR. S. K. LANJHIYANA	ASSISTANT PROFESSOR, INSTITUTE OF PHARMACEUTICAL SCIENCES, GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR - 495009, CHHATTISGARH, INDIA	India	India
MR. CHHATRAPAL	ASSISTANT PROFESSOR, GAYATRI COLLEGE OF PHARMACY, DANTEWADA - 494449, CHHATTISGARH, INDIA	India	India
VAIBHAV SARJERAO GAWADE	ASSISTANT PROFESSOR, DEPARTMENT OF PHARMACEUTICAL CHEMISTRY, DR.D.Y.PATIL INSTITUTE OF PHARMACEUTICAL SCIENCES AND RESEARCH, PUNE 411018	India	India
DR V BHOOPATHY	PROFESSOR, DEPARTMENT OF CSE, MALLA REDDY COLLEGE OF ENGINEERIN SECUNDERABAD	India	India
NEHA SRIVASTAVA	ASSISTANT PROFESSOR, FACULTY OF PHARMACEUTICAL SCIENCES, RAMA UNIVERSITY MANDHANA KANPUR, 209217	India	India
DR HARISHCHANDER ANANDARAM	ASSISTANT PROFESSOR, CENTRE FOR EXCELLENCE IN COMPUTATIONAL ENGINEERING AND NETWORKING, AMRITA VISHWA VIDYAPEETHAM, COIMBATORE - 641112, TAMIL NADU, INDIA	India	India
DR. DEVVRET VERMA	ASSISTANT PROFESSOR, DEPARTMENT OF BIOTECHNOLOGY, GRAPHIC ERA DEEMED TO BE UNIVERSITY, DEHRADUN, UTTRAKHAND, INDIA 248002	India	India
SUNIL KUMAR	ASSISTANT PROFESSOR, DEPTT. OF PHARMACY, K R MANGALAM UNIVERSITY, GURUGRAM 122103	India	India
DR. VINOD KUMAR	ASSOCIATE PROFESSOR, DEPARTMENT OF PHARMACY, OM STERLING GLOBAL UNIVERSITY, HISAR.	India	India

Abstract:

Biomedical interventions for analysing the proteins and genetic factors that are responsible for causing cancer is the proposed invention. The invention aims implementing the techniques of medicine and biology integrated with artificial intelligence to study the causes of cancer in depth. The proteins and genetic factors that are responsible for causing cancer are analysed in forefront with the intention of addressing flaws inherent in existing system.

Complete Specification

Description:[0001] Background description includes information that may be useful in understanding the present invention. It is not an admission that any of the information provided herein is prior art or relevant to the presently claimed invention, or that any publication specifically or implicitly referenced is prior art.

[0002] Cancer is a group of diseases involving abnormal cell growth with the potential to invade or spreads to other parts of the body. The majority of cancers, some 90-95% of cases are due to genetic mutations from environmental and lifestyle factors. The remaining 5-10% are due to inherited genetics.

[0003] A number of different types of cancer causes analysis systems that are known in the prior art. For example, the following patents are provided for their supportive teachings and are all incorporated by reference.

[0004] Patents in genomics and human genetics are scientifically fundamental and commercially valuable. These fields grew to prominence in an era of growth in government and nonprofit research funding, and of even greater growth of privately funded research and development in biotechnology and pharmaceuticals. Patents on DNA technologies are a central feature of this story, illustrating how patent law adapts--and sometimes fails to adapt--to emerging genomic technologies. In instrumentation and for therapeutic proteins, patents have largely played their traditional role of inducing investment in engineering and product development, including expensive post discovery clinical research to prove safety and efficacy. Patents on methods and DNA sequences relevant to clinical genetic testing show less evidence of benefits and more evidence of problems and impediments, largely attributable to university exclusive licensing practices. Whole-genome sequencing will confront uncertainty about infringing granted patents but jurisprudence trends away from upholding the broadest and potentially most troublesome patent claims.

[0005] Patenting and licensing in genetic testing: ethical, legal and social issues the institution of a patent is very old, but its emergence in the field of genetics has confused manv. The flow of patents on human genes has raised practical and ethical concerns. particularly in Europe. A large part of public opinion is against the principle of the

[View Application Status](#)



Terms & conditions (<http://ipindia.gov.in/terms-conditions.htm>) Privacy Policy (<http://ipindia.gov.in/privacy-policy.htm>) Copyright (<http://ipindia.gov.in/copyright.htm>)
 Hyperlinking Policy (<http://ipindia.gov.in/hyperlinking-policy.htm>) Accessibility (<http://ipindia.gov.in/accessibility.htm>) Archive (<http://ipindia.gov.in/archive.htm>)
 Contact Us (<http://ipindia.gov.in/contact-us.htm>) Help (<http://ipindia.gov.in/help.htm>)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019



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

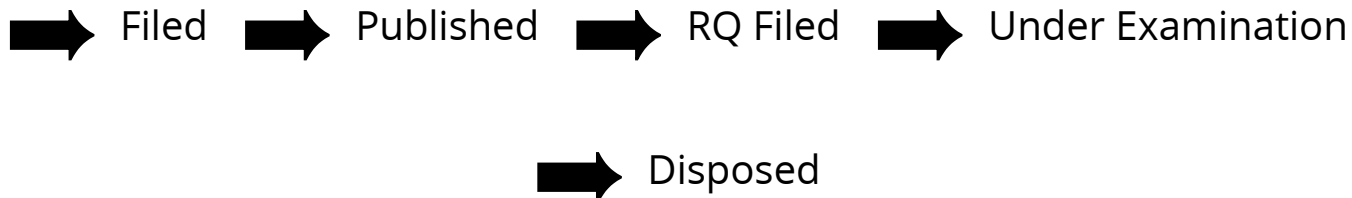
APPLICATION NUMBER	202241035945
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	22/06/2022
APPLICANT NAME	1 . SUJITH RAVI 2 . NILU KUMARI 3 . DR. SWEETY LANJHIYANA 4 . DR. S. K. LANJHIYANA 5 . MR. CHHATRAPAL 6 . VAIBHAV SARJERAO GAWADE 7 . DR V BHOOPATHY 8 . NEHA SRIVASTAVA 9 . DR HARISHCHANDER ANANDARAM 10 . DR. DEVVRET VERMA 11 . SUNIL KUMAR 12 . DR. VINOD KUMAR
TITLE OF INVENTION	BIOMEDICAL INTERVENTIONS FOR ANALYSING THE PROTEINS AND GENETIC FACTORS THAT ARE RESPONSIBLE FOR CAUSING CANCER
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	sgowthami12@gmail.com
ADDITIONAL-EMAIL (As Per Record)	sgowthami12@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	08/07/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination

[View Documents](#)



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

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<shttp://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

[Skip to Main Content](#)



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



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

Patent Search

Invention Title	FOUR-LOBED SWIRL-INDUCING PIPE
Publication Number	37/2023
Publication Date	15/09/2023
Publication Type	INA
Application Number	202231031901
Application Filing Date	03/06/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	MECHANICAL ENGINEERING
Classification (IPC)	F23L0007000000, F02B0075020000, G21C0003330000, F02B0075180000, F02B0075320000

Inventor

Name	Address	Country	Nationality
Ram Krishna	Department of Mechanical Engineering, Rungta College of Engineering & Technology, Bilhai - 490024, Chhattisgarh, India	India	India
Niranjan Kumar	Department of Mining Machinery Engineering, INDIAN INSTITUTE OF TECHNOLOGY (INDIAN SCHOOL OF MINES), Dhanbad, Dhanbad -826004, Jharkhand, India	India	India
Pankaj Kumar Gupta	Department of Mechanical Engineering, School of Studies of Engineering & Technology, Guru Ghasidas Vishwavidyalaya, Bilaspur-495009, Chhattisgarh, India	India	India
Ajit Kumar	Department of Mining Machinery Engineering, INDIAN INSTITUTE OF TECHNOLOGY (INDIAN SCHOOL OF MINES), Dhanbad, Dhanbad -826004, Jharkhand, India	India	India

Applicant

Name	Address	Country	Nationality
INDIAN INSTITUTE OF TECHNOLOGY (INDIAN SCHOOL OF MINES), DHANBAD	Dhanbad -826004, Jharkhand, India	India	India

Abstract:

The present invention relates to a four-lobed swirl- inducing pipe (2) for removal of blockage in a duct, inserted at least 1D before the joint between the entry (I) and exit sections (O) of the duct, making a 90° bend (3). The cross section of the whole pipe (2) is lobed. Computational studies with the four-lobed swirl-inducing pipe section when attached with slurry pipelines after the flow has attained fully developed conditions, which is typically after a length of 50D, where D is the pipe diameter, shows a reduction in the pressure drop, as compared with conveying slurry through the same pipe diameter and length without the swirl-inducing pipe section. The lower pumping power required for the slurry flow results in reduced energy consumption, translating into cost savings and a more sustainable operation. Additionally, it provides an advantage in redistributing the solid particles across the whole pipe rather than settling near pipe invert. Under the selected range of operating conditions (velocity ranging from 1-2 m/s, and Volumetric Solid Concentration ranging from 8.82% to 32.56%), the pressure drop was reduced using the Four-lobed swirl-pipe (2) as compared to that of plain pipe slurry transportation.

Complete Specification

DESC:Please find the attached file ,CLAIMS:Please find the attached file

[View Application Status](#)



Terms & conditions (<http://ipindia.gov.in/terms-conditions.htm>) Privacy Policy (<http://ipindia.gov.in/privacy-policy.htm>) Copyright (<http://ipindia.gov.in/copyright.htm>)
Hyperlinking Policy (<http://ipindia.gov.in/hyperlinking-policy.htm>) Accessibility (<http://ipindia.gov.in/accessibility.htm>) Archive (<http://ipindia.gov.in/archive.htm>)
Contact Us (<http://ipindia.gov.in/contact-us.htm>) Help (<http://ipindia.gov.in/help.htm>)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019



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>)

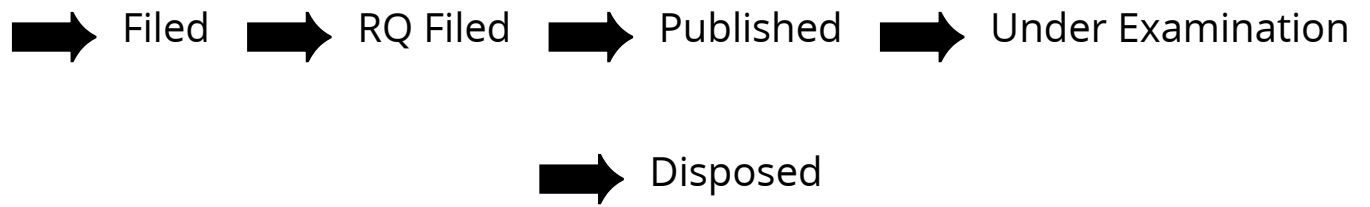
Application Details

APPLICATION NUMBER	202231031901
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	03/06/2022
APPLICANT NAME	INDIAN INSTITUTE OF TECHNOLOGY (INDIAN SCHOOL OF MINES), DHANBAD
TITLE OF INVENTION	FOUR-LOBED SWIRL-INDUCING PIPE
FIELD OF INVENTION	MECHANICAL ENGINEERING
E-MAIL (As Per Record)	psdavar@psdavar.co.in
ADDITIONAL-EMAIL (As Per Record)	patents@psdavar.co.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	31/05/2023
PUBLICATION DATE (U/S 11A)	15/09/2023

Application Status

APPLICATION STATUS	Application Awaiting Examination
--------------------	---

[View Documents](#)



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

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<http://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

[Skip to Main Content](#)



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



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

Patent Search

Invention Title	SECURE THE SUPPLY CHAIN MANAGEMENT SYSTEM IN E-COMMERCE USING BLOCKCHAIN TECHNOLOGY		
Publication Number	19/2022		
Publication Date	13/05/2022		
Publication Type	INA		
Application Number	202241026251		
Application Filing Date	05/05/2022		
Priority Number			
Priority Country			
Priority Date			
Field Of Invention	COMPUTER SCIENCE		
Classification (IPC)	G06Q0010080000, G06Q0010060000, H04L0009060000, H04L0009320000, H04L0029060000		
Inventor			
Name	Address	Country	Nationality
Dr. Silas Sargunam	Assistant Professor, Department of Management Studies, Anna University Regional Campus Tirunelveli, Tirunelveli - 627007	India	India
Dr.R.Mary Metilda	Professor& Head, Management Studies, Sri Ramakrishna Engineering College, Coimbatore	India	India
Dr.V.K.Arthi	Assistant Professor, Management Studies, Sri Ramakrishna Engineering College, Coimbatore	India	India
Dr A Thilagaraj	Assistant professor (Sr. G) , Commerce, SRM Institute of Science and Technology, Department of Commerce, College of science and humanities, Chennai- 603203	India	India
Dr Asha Chaudhary	Assistant Professor, BBA, Maharaja Surajmal Institute, Janakpuri, Delhi	India	India
Dr. (Mrs.) Shailza Dutt	Assistant Professor, MSI, Business Administration , Maharaja Surajmal Institute , New Delhi	India	India
Dr. Atul Kumar Sahu	Assistant Professor, Department of Industrial and Production Engineering, School of Studies in Engineering and Technology Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur	India	India
Dr.Sarita Rana	Assistant Professor , Commerce, Maharaja Surajmal Institute , Janakpuri	India	India
Dr. Rohit Bansal	Assistant Professor , Department of Management Studies, Vaish College of Engineering, Rohtak	India	India
Ms Sowmya B K	Assistant professor, CSE, AMC engineering college, Bangalore,	India	India
Mr. Kannadasan B	Assistant Professor, Civil Engineering, B S Abdur Rahman Crescent Institute of Science and Technology, GST Road, Vandalur, Chennai	India	India
Applicant			

Name	Address	Country	Nationality
Dr. Silas Sargunam	Assistant Professor, Department of Management Studies, Anna University Regional Campus Tirunelveli, Tirunelveli - 627007	India	India
Dr.R.Mary Metilda	Professor& Head, Management Studies, Sri Ramakrishna Engineering College, Coimbatore	India	India
Dr.V.K.Arthi	Assistant Professor, Management Studies, Sri Ramakrishna Engineering College, Coimbatore	India	India
Dr A Thilagaraj	Assistant professor (Sr. G) , Commerce, SRM Institute of Science and Technology, Department of Commerce, College of science and humanities, Chennai- 603203	India	India
Dr Asha Chaudhary	Assistant Professor, BBA, Maharaja Surajmal Institute, Janakpuri, Delhi	India	India
Dr. (Mrs.) Shailza Dutt	Assistant Professor, MSI, Business Administration , Maharaja Surajmal Institute , New Delhi	India	India
Dr. Atul Kumar Sahu	Assistant Professor, Department of Industrial and Production Engineering, School of Studies in Engineering and Technology Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur	India	India
Dr.Sarita Rana	Assistant Professor , Commerce, Maharaja Surajmal Institute , Janakpuri	India	India
Dr. Rohit Bansal	Assistant Professor , Department of Management Studies, Vaish College of Engineering, Rohtak	India	India
Ms Sowmya B K	Assistant professor, CSE, AMC engineering college, Bangalore,	India	India
Mr. Kannadasan B	Assistant Professor, Civil Engineering, B S Abdur Rahman Crescent Institute of Science and Technology, GST Road, Vandalur, Chennai	India	India

Abstract:

ABSTRACT SECURE THE SUPPLY CHAIN MANAGEMENT SYSTEM IN E-COMMERCE USING BLOCKCHAIN TECHNOLOGY A blockchain is a fine technology used to reduce the production cost and increase the security of the system. it is being used in various fields, one such application of blockchains is in the supply chain management systems. The principles of the working of blockchain technology are: transparency, security and traceability provided by end to end encryption of network of computers. However, despite of this level of security, blockchain-based supply chain management systems still possess risk of cyber attacks. Hence the present study gives detailed information about the opportunities and challenges in security of blockchain- based supply chain management systems.

Complete Specification

Description: SECURE THE SUPPLY CHAIN MANAGEMENT SYSTEM IN E-COMMERCE USING BLOCKCHAIN TECHNOLOGY
TECHNICAL FIELD

[0001] Background description includes information that may be useful in understanding the present invention.

[0002] The present disclosure relates to a blockchain based supply chain management system. In particular the present disclosure relates to the challenges and opportunities in security of blockchain- based supply chain management system.

BACKGROUND

[0003] Background description includes the comparison between Industrial Enterprise Resource Planning (ERP) over Blockchain Technology. It is not an admission that any of the information provided herein is prior art or relevant to the presently claimed invention, or that any invention specifically or implicitly referenced is prior art.

[0004] A supply chain is a system or organizations, people, activities, resources and information to provide services and goods between supplier and customer. It is formed so as to maintain quality of products and increase the security of product and services in the whole process. It aims at maximizing customer value and gaining a strong hold in the market. Managing this entire flow of goods right from the raw materials to finished products to finally delivery of the goods needs to be well looked after.

[0005] There are many existing solutions to the above mentioned problem but they tamper the supply chain and expose it to corruption. Thus, a more reliable source was needed to manage the supply chain. Blockchain technology is used in various applications and has emerged as a leading technology in supply chain as well. It provides better visibility and authenticity in the supply chain. Blockchain creates a secure system by increasing supply chain traceability while reducing the overall cost.

[0006] The major drivers of traditional supply chain are manufacturing, localization of sources, transparency to the customer as well as supplier and customer demand. Due

[View Application Status](#)



**Department of Industrial
Policy and Promotion**
Government of India

Terms & conditions (<http://ipindia.gov.in/terms-conditions.htm>) Privacy Policy (<http://ipindia.gov.in/privacy-policy.htm>) Copyright (<http://ipindia.gov.in/copyright.htm>)
Hyperlinking Policy (<http://ipindia.gov.in/hyperlinking-policy.htm>) Accessibility (<http://ipindia.gov.in/accessibility.htm>) Archive (<http://ipindia.gov.in/archive.htm>)
Contact Us (<http://ipindia.gov.in/contact-us.htm>) Help (<http://ipindia.gov.in/help.htm>)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019



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

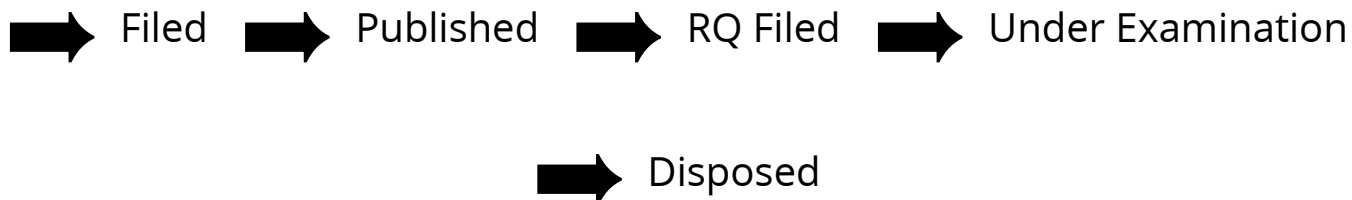
APPLICATION NUMBER	202241026251
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	05/05/2022
APPLICANT NAME	1 . Dr. Silas Sargunam 2 . Dr.R.Mary Metilda 3 . Dr.V.K.Arthi 4 . Dr A Thilagaraj 5 . Dr Asha Chaudhary 6 . Dr. (Mrs.) Shailza Dutt 7 . Dr. Atul Kumar Sahu 8 . Dr.Sarita Rana 9 . Dr. Rohit Bansal 10 . Ms Sowmya B K 11 . Mr. Kannadasan B
TITLE OF INVENTION	SECURE THE SUPPLY CHAIN MANAGEMENT SYSTEM IN E-COMMERCE USING BLOCKCHAIN TECHNOLOGY
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	senanipindia@gmail.com
ADDITIONAL-EMAIL (As Per Record)	admin@senanip.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	13/05/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination

[View Documents](#)



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

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<http://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

[Skip to Main Content](#)



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



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

Patent Search

Invention Title	Automotive ERP System over Blockchain Technology		
Publication Number	18/2022		
Publication Date	06/05/2022		
Publication Type	INA		
Application Number	202241023089		
Application Filing Date	19/04/2022		
Priority Number			
Priority Country			
Priority Date			
Field Of Invention	COMPUTER SCIENCE		
Classification (IPC)	G06Q0010060000, H04L0009060000, G06Q0010080000, G06Q0010100000, H04L0029080000		
Inventor			
Name	Address	Country	Nationality
Dr K.Radha	ASP, IT, Mahendra Engineering College, Namakkal	India	India
Mrs R.Kalaivani	Assistant Professor, Information Technology , Sankara College of Science and Commerce, Coimbatore -641 035	India	India
Dr. Amit Jain	Assistant Professor, Computer Science and Engineering, Sir Padampat Singhania University, Udaipur	India	India
Mr. Palanisamy A M	Assistant Professsor Level II, Department of Information Technology, Bannari Amman Institute of Technology, Sathyamangalam	India	India
Dr Jayasundar S	Professor ,Computer Science & Engineering, Idhaya Engineering College for Women, Chinnasalem-606201	India	India
Dr . Saurav Dash	Assistant Professor, VIT Business School, Vellore Institute of Technology, Vellore-632014	India	India
Mr. Nitin Kumar Sahu	Assistant Professor, Department of Industrial and Production Engineering, School Of Studies In Engineering & Technology, Guru Ghasidas Vishwavidyalaya (Central University) Koni, Bilaspur (C.G.)- 495001	India	India
Dr. Anoop Kumar Sahu	Assistant Professor, Department of Mechanical Engineering, School Of Studies In Engineering & Technology, Guru, Ghasidas Vishwavidyalaya (Central University) Koni, Bilaspur (C.G.) Bilaspur-495001	India	India
Dr. Ashish Mohture	Assistant Professor, School of Management (UG), Dr. Vishwanath Karad MIT World Peace University, Pune	India	India
Dr. Sushil Kumar Gupta	Assistant Professor, School of Management (UG), Dr. Vishwanath Karad MIT World Peace University, Pune	India	India
Dr. V.Kannan	Managing director, CLDC Research and Development No.997, Mettupalayam Road, Near XCut Signal,R.S.Puram, Coimbatore641002	India	India
Applicant			

Name	Address	Country	Nationality
Dr K.Radha	ASP, IT, Mahendra Engineering College, Namakkal	India	India
Mrs R.Kalaivani	Assistant Professor, Information Technology , Sankara College of Science and Commerce, Coimbatore -641 035	India	India
Dr. Amit Jain	Assistant Professor, Computer Science and Engineering, Sir Padampat Singhania University, Udaipur	India	India
Mr. Palanisamy A M	Assistant Professor Level II, Department of Information Technology, Bannari Amman Institute of Technology, Sathyamangalam	India	India
Dr Jayasundar S	Professor ,Computer Science & Engineering, Idhaya Engineering College for Women, Chinnasalem-606201	India	India
Dr . Saurav Dash	Assistant Professor, VIT Business School, Vellore Institute of Technology, Vellore-632014	India	India
Mr. Nitin Kumar Sahu	Assistant Professor, Department of Industrial and Production Engineering, School Of Studies In Engineering & Technology, Guru Ghasidas Vishwavidyalaya (Central University) Koni, Bilaspur (C.G.)- 495001	India	India
Dr. Anoop Kumar Sahu	Assistant Professor, Department of Mechanical Engineering, School Of Studies In Engineering & Technology, Guru, Ghasidas Vishwavidyalaya (Central University) Koni, Bilaspur (C.G.) Bilaspur-495001	India	India
Dr. Ashish Mohture	Assistant Professor, School of Management (UG), Dr. Vishwanath Karad MIT World Peace University, Pune	India	India
Dr. Sushil Kumar Gupta	Assistant Professor, School of Management (UG), Dr. Vishwanath Karad MIT World Peace University, Pune	India	India
Dr. V.Kannan	Managing director, CLDC Research and Development No.997, Mettupalayam Road, Near XCut Signal,R.S.Puram, Coimbatore641002	India	India

Abstract:

Automotive ERP System over Blockchain Technology ABSTRACT: Recent research indicates that two primary technologies are having a large impact on the information systems business. Cloud computing is one of the new technologies in the horizon. Another example is blockchain technology, which is a distributed ledger technology for storing and distributing data. Both play a role in enterprise resource planning (ERP) systems, which are crucial in the business world. Even if you already have a number of cloud-based ERP systems, introducing blockchain technology into them can have a plethora of good consequences from a variety of angles. According to Mearian, cloud ERP may be able to transform private ERP systems within a single organization into a collaborative platform for business partners and external stakeholders (2018). This is a significant issue in the area of supply chain management (SCM), and various papers have been written about it, as well as recommendations for how to resolve it. Kari Korpela, Jukka Hallikas, and Tomi Dahlberg contributed to this article. For example, (2017) discusses strategies to use blockchain technology to transform digital supply chains; Arnab Banerjee (2018) undertakes a technical feasibility study of the aforementioned difficulties. However, as open cloud ERP systems become more prevalent, further security concerns will arise. As a result, because blockchain may be used to construct an ERP-based collaboration platform while also protecting data, it may be a viable option in this circumstance. What about the following year? They conduct an examination of supply chain management systems and find that a solution based on blockchain technology is potentially conceivable (Westerkamp, Martin et al., 2018). There is still considerable debate in the literature on how to combine cloud ERP and blockchain technologies. Additional study in this field is anticipated in the future. One of the research aims is to develop a list of possible applications of blockchain technology to cloud-based business resource planning. The study was conducted using an IS-AS methodology, which included a SWOT and GAP analysis. When a corporation migrates to a cloud-based ERP system, Blockchain Technology can assist relieve security and transparency concerns. According to the researchers that conducted this study, emerging technologies such as Blockchain will contribute to bridging the security gap.

Complete Specification**Claims:CLAIMS**

1. Automotive ERP System over Blockchain Technology a cutting-edge science technology.
2. Automotive ERP System over Blockchain Technology of claim 1, wherein said that it can be used for a variety of purposes.
3. Automotive ERP System over Blockchain Technology of claim 1, wherein said the proposed system is more accurate and faster.
4. Automotive ERP System over Blockchain Technology of claim 1, wherein said that in this paper, we analyzed and discussed various aspects.
5. Automotive ERP System over Blockchain Technology of claim 1, wherein said that in recent years, Blockchain become a hot topic in ERP system.
6. Automotive ERP System over Blockchain Technology of claim 1, wherein said that a reliable and efficient system for monitoring variables.
7. Automotive ERP System over Blockchain Technology of claim 1, wherein said that this research looks at all of the important and recent work that has been done so far, as well as its limitations and challenges.
8. Automotive ERP System over Blockchain Technology of claim 1, wherein said that Additional types may be studied in the future.

. Description:DESCRIPTIONS:

[View Application Status](#)

**Department of Industrial
Policy and Promotion**
Government of India

Terms & conditions (<http://ipindia.gov.in/terms-conditions.htm>) Privacy Policy (<http://ipindia.gov.in/privacy-policy.htm>) Copyright (<http://ipindia.gov.in/copyright.htm>)
Hyperlinking Policy (<http://ipindia.gov.in/hyperlinking-policy.htm>) Accessibility (<http://ipindia.gov.in/accessibility.htm>) Archive (<http://ipindia.gov.in/archive.htm>)
Contact Us (<http://ipindia.gov.in/contact-us.htm>) Help (<http://ipindia.gov.in/help.htm>)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019



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

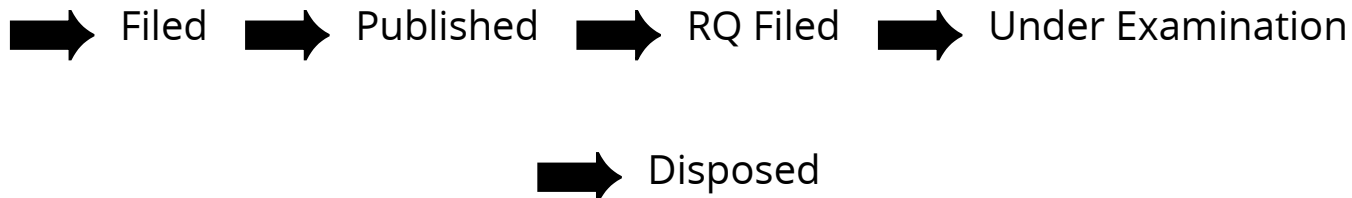
APPLICATION NUMBER	202241023089
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	19/04/2022
APPLICANT NAME	1 . Dr K.Radha 2 . Mrs R.Kalaivani 3 . Dr. Amit Jain 4 . Mr. Palanisamy A M 5 . Dr Jayasundar S 6 . Dr . Saurav Dash 7 . Mr. Nitin Kumar Sahu 8 . Dr. Anoop Kumar Sahu 9 . Dr. Ashish Mohture 10 . Dr. Sushil Kumar Gupta 11 . Dr. V.Kannan
TITLE OF INVENTION	Automotive ERP System over Blockchain Technology
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	senanipindia@gmail.com
ADDITIONAL-EMAIL (As Per Record)	admin@senanip.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	06/05/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination

[View Documents](#)



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

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<shttp://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

[Skip to Main Content](#)



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



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

Patent Search

Invention Title	EFFECT OF B-SITE DISORDER ON THE FERRO ELECTRIC PROPERTIES OF BZT CERAMICS
Publication Number	33/2022
Publication Date	19/08/2022
Publication Type	INA
Application Number	202221022529
Application Filing Date	16/04/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	ELECTRONICS
Classification (IPC)	H01L0041187000, G06N0020000000, G06K0009620000, C04B0035495000, C07K0016280000

Inventor

Name	Address	Country	Nationality
PARMENDRA BAJPAI	PROFESSOR OF PHYSICS, DEAN, SCHOOL OF PHYSICAL SCIENCES, GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR	India	India
DR K N SINGH	DEPARTMENT OF PHYSICS OP JINDAL UNIVERSITY PUNJIPATHARA RAIGAH CHHATTISGARH	India	India
ANAMIKA DWIVEDI	PHD SCHOLAR, DEPARTMENT OF PURE & APPLIED PHYSICS GGV BILASPUR, CHHATTISGARH.	India	India
DEEPAK PATEL	ASSISTANT PROFESSOR, DEPARTMENT OF CHEMISTRY, SCHOOL OF SCIENCE, OP JINDAL UNIVERSITY, RAIGARH, CG, INDIA	India	India
AMARNATH KUMAR THAKUR	PROFESSOR, DEPT.OF MATHEMATICS, DR.C.V.RAMAN UNIVERSITY, KOTA,BILASPUR (CG)-495001	India	India
DR MANISH UPADHYAY	PROFESSOR, CHEMISTRY , DR C V RAMAN UNIVERSITY KOTA BILASPUR CHHATTISGARH 495113	India	India

Applicant

Name	Address	Country	Nationality
PARMENDRA BAJPAI	PROFESSOR OF PHYSICS, DEAN, SCHOOL OF PHYSICAL SCIENCES, GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR	India	India
DR K N SINGH	DEPARTMENT OF PHYSICS OP JINDAL UNIVERSITY PUNJIPATHARA RAIGAH CHHATTISGARH	India	India
ANAMIKA DWIVEDI	PHD SCHOLAR, DEPARTMENT OF PURE & APPLIED PHYSICS GGV BILASPUR, CHHATTISGARH.	India	India
DEEPAK PATEL	ASSISTANT PROFESSOR, DEPARTMENT OF CHEMISTRY, SCHOOL OF SCIENCE, OP JINDAL UNIVERSITY, RAIGARH, CG, INDIA	India	India
AMARNATH KUMAR THAKUR	PROFESSOR, DEPT.OF MATHEMATICS, DR.C.V.RAMAN UNIVERSITY, KOTA,BILASPUR (CG)-495001	India	India
DR MANISH UPADHYAY	PROFESSOR, CHEMISTRY , DR C V RAMAN UNIVERSITY KOTA BILASPUR CHHATTISGARH 495113	India	India

Abstract:

Effect of b-site disorder on the ferro electric properties of BZT ceramics is the proposed invention. The proposed invention focuses on training a machine learning module to study the effects of B-site disorder. The invention will study the impact of B-site disorder on the ferro-electric properties of BZT ceramics.

Complete Specification

- Claims:1. Effect of b-site disorder on the ferro electric properties of BZT ceramics comprises of machine learning unit predictive unit and B-site disorder.
- Effect of b-site disorder on the ferro electric properties of BZT ceramics, according to claim 1, includes a machine learning unit, wherein the machine learning unit will analyze the properties of ferroelectric properties of BZT ceramics.
 - Effect of b-site disorder on the ferro electric properties of BZT ceramics, according to claim 1, includes a predictive unit, wherein the predictive unit will predict the reactions of b-site disorder with ferro electric properties of BZT ceramics.
 - Effect of b-site disorder on the ferro electric properties of BZT ceramics, according to claim 1, includes a b-site disorder, wherein the b-site disorder will run to identify the properties of BZT ceramics.

FIELD OF INVENTION

The present invention relates to the field of studying and analyzing the effect of B-site disorder. The proposed invention aims at comparing the disorder on the ferro-electric properties of BZT ceramics.

Description:100011 Background description includes information that may be useful in understanding the present invention. It is not an admission that any of the

[View Application Status](#)

[Terms & conditions \(http://ipindia.gov.in/terms-conditions.htm\)](http://ipindia.gov.in/terms-conditions.htm) [Privacy Policy \(http://ipindia.gov.in/privacy-policy.htm\)](http://ipindia.gov.in/privacy-policy.htm) [Copyright \(http://ipindia.gov.in/copyright.htm\)](http://ipindia.gov.in/copyright.htm)
[Hyperlinking Policy \(http://ipindia.gov.in/hyperlinking-policy.htm\)](http://ipindia.gov.in/hyperlinking-policy.htm) [Accessibility \(http://ipindia.gov.in/accessibility.htm\)](http://ipindia.gov.in/accessibility.htm) [Archive \(http://ipindia.gov.in/archive.htm\)](http://ipindia.gov.in/archive.htm)
[Contact Us \(http://ipindia.gov.in/contact-us.htm\)](http://ipindia.gov.in/contact-us.htm) [Help \(http://ipindia.gov.in/help.htm\)](http://ipindia.gov.in/help.htm)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019



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>)

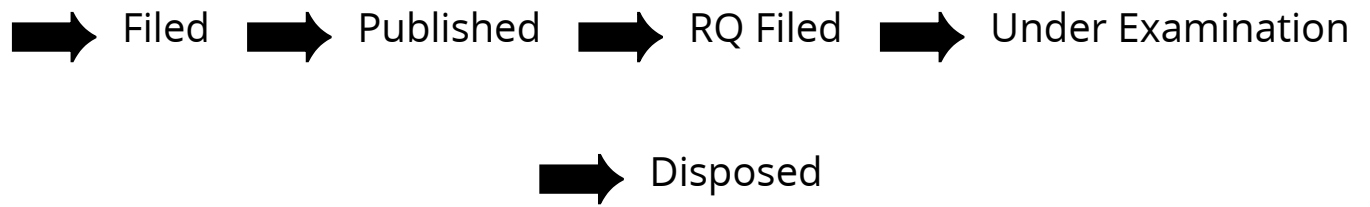
Application Details

APPLICATION NUMBER	202221022529
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	16/04/2022
APPLICANT NAME	1 . PARMENDRA BAJPAI 2 . DR K N SINGH 3 . ANAMIKA DWIVEDI 4 . DEEPAK PATEL 5 . AMARNATH KUMAR THAKUR 6 . DR MANISH UPADHYAY
TITLE OF INVENTION	EFFECT OF B-SITE DISORDER ON THE FERRO ELECTRIC PROPERTIES OF BZT CERAMICS
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	sgowthami12@gmail.com
ADDITIONAL-EMAIL (As Per Record)	sgowthami12@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	19/08/2022

Application Status

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

[View Documents](#)



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

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<http://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

[Skip to Main Content](#)



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



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

Patent Search

Invention Title	ULTRAWIDEBAND RRDA WITH A BEVEL-SHAPED PATCH AND A METHOD OF DEVELOPMENT THEREOF
Publication Number	15/2022
Publication Date	15/04/2022
Publication Type	INA
Application Number	202211021299
Application Filing Date	09/04/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	ELECTRONICS
Classification (IPC)	H01Q0001500000, H01Q0005250000, H01Q0019000000, H01Q0001480000, H04B0001716300

Inventor

Name	Address	Country	Nationality
Dr. Parikshit Vasishth	School of Engineering and Technology, Apeejay Stya University, Sohna - Palwal Road, Sohna - 122103, Gurugram, Haryana	India	India
Robert Mark	Department of ECE, Guru Ghasidas Vishwavidyalaya, Bilaspur, India	India	India
Dr. Neela Chattoraj	Department of ECE, Birla Institute of Technology, Mesra, Ranchi, India	India	India
Prof. Sudhakar Ranjan	Department of Computer science and Engineering, Apeejay Stya University, Sohna - Palwal Road, Sohna - 122103, Gurugram, Haryana	India	India
Dr. Atul Kathait	School of Biosciences, Apeejay Stya University, Sohna - Palwal Road, Sohna - 122103, Gurugram, Haryana	India	India
Anuranjan Sharma	School of legal Studies, Apeejay Stya University, Sohna - Palwal Road, Sohna - 122103, Gurugram, Haryana	India	India

Applicant

Name	Address	Country	Nationality
Apeejay Stya University	Apeejay Stya University, Sohna - Palwal Road, Sohna - 122103, Gurugram, Haryana	India	India

Abstract:

An ultrawideband RRDA with a bevel-shaped patch and the method of development thereof offers a UWB ranging from 2.5 - 16 GHz (measured value) i.e. fractional bandwidth of 142%; wherein the peak gain of 6.2 dBi at 6.3 GHz and radiation efficiency of 90% utmost value at 4.6 GHz is provided by the RRDA. The method of development of ultrawideband RRDA with a bevel-shaped patch comprising steps of a) the isolated RRDR is designed using alumina ceramic in combination with a rectangular air cavity and vertical asymmetric conducting strips introduced on sidewalls of the RRDR to stabilize the gain above 0dBi across the entire bandwidth. b) a slot is introduced in the partial ground plane to optimize the impedance bandwidth.

Complete Specification

The present invention generally relates to electronic technology, electromagnetic and antenna.

More particularly, the present invention relates to an ultrawideband RRDA with a bevel-shaped patch and a method of development thereof

BACKGROUND FOR THE INVENTION:

By reference to US application no. US5517203A by Space Systems Loral LLC dated 1994-05-11, titled "Dielectric resonator filter with coupling ring and antenna system formed therefrom" discloses a plurality of dual-mode, dielectric resonator loaded cavity filters may be coupled to respective ones of a plurality of radiators of an array antenna, such as a phased array antenna. Each of the filters is provided with a thin annular, electrically conductive ring disposed on a resonator surface facing the corresponding radiator of the antenna. The ring greatly increases the coupling of electromagnetic power for circularly and linearly polarized waves between the filter and the radiator for radiation of the power from the radiator into space, as well as during reception of radiation from outer space. The filter is operative also, if desired, to provide such coupling of electromagnetic power to a waveguide, as well as directly into the external environment. The ring may be located at the opening of the cavity through which the power is coupled between the filter and the radiator or the waveguide or the empty space.

By reference to CN application no. CN110854521A by Nantong University dated 2019-11-27, titled "Annular dielectric resonator broadband quasi-yagi antenna based on metal ring loading" discloses a metal ring loading-based annular dielectric resonator broadband quasi-yagi antenna, and belongs to the technical field of antennas. The microwave dielectric substrate comprises a substrate, wherein the substrate comprises an upper layer and a lower layer which are formed by microwave dielectric substrates; the device also comprises an annular dielectric resonator, a reflector, a differential microstrip pair, and a coplanar stripline; the annular dielectric resonator has adhered to the upper surface of the substrate; the sidewall of the inner ring of the annular dielectric resonator is coated with metal silver, and the metal silver forms a metal ring so that the

[View Application Status](#)



Terms & conditions (<http://ipindia.gov.in/terms-conditions.htm>) Privacy Policy (<http://ipindia.gov.in/privacy-policy.htm>) Copyright (<http://ipindia.gov.in/copyright.htm>)
Hyperlinking Policy (<http://ipindia.gov.in/hyperlinking-policy.htm>) Accessibility (<http://ipindia.gov.in/accessibility.htm>) Archive (<http://ipindia.gov.in/archive.htm>)
Contact Us (<http://ipindia.gov.in/contact-us.htm>) Help (<http://ipindia.gov.in/help.htm>)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019



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>)

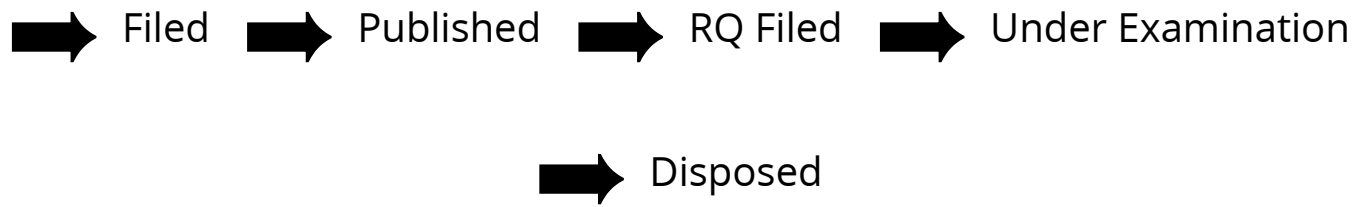
Application Details

APPLICATION NUMBER	202211021299
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	09/04/2022
APPLICANT NAME	Apeejay Stya University
TITLE OF INVENTION	ULTRAWIDEBAND RRDA WITH A BEVEL-SHAPED PATCH AND A METHOD OF DEVELOPMENT THEREOF
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	lipi.kaundilya@gmail.com
ADDITIONAL-EMAIL (As Per Record)	lipi.kaundilya@gmai.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	15/04/2022

Application Status

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

[View Documents](#)



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

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<shttp://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

[Skip to Main Content](#)



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



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

Patent Search

Invention Title	Block chain Based Cloud Storage System		
Publication Number	16/2022		
Publication Date	22/04/2022		
Publication Type	INA		
Application Number	202241021032		
Application Filing Date	07/04/2022		
Priority Number			
Priority Country			
Priority Date			
Field Of Invention	COMMUNICATION		
Classification (IPC)	H04L0029060000, H04L0029080000, H04L0009320000, H04L0009080000, G06F0003060000		
Inventor			
Name	Address	Country	Nationality
Mr. Ghangesh gunaseelan	AI & ops architect, information systems master peace technologies, coimbatore-641006	India	India
Dr . Saurav Dash	Assistant Professor, VIT Business School, Vellore Institute of Technology, Vellore632014	India	India
Dr. V. Sivakamy	assistant professor, mba, srm institute of science and technology, ramapuram campus, chennai	India	India
Dr. D. Surya prabha	Assistant Professor, Department of Computer Applications, Nehru Arts and Science College, Coimbatore	India	India
Dr.M.Robinson Joel	Associate professor, Information technology ,Kings Engineering College , Chennai.	India	India
Mr. Nitin Kumar Sahu	Assistant Professor, Department of Industrial and Production Engineering,School Of Studies In Engineering & Technology, Guru Ghasidas Vishwavidyalaya (Central University) Koni, Bilaspur (C.G.)- 495001	India	India
Dr. Anoop Kumar Sahu	Assistant Professor, Department of Mechanical Engineering,School Of Studies In Engineering & Technology, Guru, Ghasidas Vishwavidyalaya (Central University) Koni, Bilaspur (C.G.) Bilaspur-495001	India	India
N. Nitheesha	assistant professor, Mallareddy Engineering College(autonomous) , Dhulapally, hyderabad. , Hyderabad	India	India
Mrs. Samatha konda	assistant professor , information technology , st martin's engineering college , secundrabad, hyderabad	India	India
Mr. R.vadivel	Assistant Professor,Computer Science and Engineering, HKBK College of Engineering, Bangalore-560045	India	India
Dr. Mohd Amir	Assistant Professor, Department of Management, Uttaranchal University Dehradun	India	India
Mrs. M.Christina Ranjitham	Assistant professor, Computer Science and Engineering, SCAD College of Engineering and Technology, Cheranmahadevi, Tirunelveli	India	India
Applicant			

Name	Address	Country	Nationality
Mr. Ghangesh gunaseelan	AI & ops architect, information systems master peace technologies, coimbatore-641006	India	India
Dr . Saurav Dash	Assistant Professor, VIT Business School, Vellore Institute of Technology, Vellore632014	India	India
Dr. V. Sivakamy	assistant professor, mba, srm institute of science and technology, ramapuram campus, chennai	India	India
Dr. D. Surya prabha	Assistant Professor, Department of Computer Applications, Nehru Arts and Science College, Coimbatore	India	India
Dr.M.Robinson Joel	Associate professor, Information technology ,Kings Engineering College , Chennai.	India	India
Mr. Nitin Kumar Sahu	Assistant Professor, Department of Industrial and Production Engineering,School Of Studies In Engineering & Technology, Guru Ghasidas Vishwavidyalaya (Central University) Koni, Bilaspur (C.G.)- 495001	India	India
Dr. Anoop Kumar Sahu	Assistant Professor, Department of Mechanical Engineering,School Of Studies In Engineering & Technology, Guru, Ghasidas Vishwavidyalaya (Central University) Koni, Bilaspur (C.G.) Bilaspur-495001	India	India
N. Nitheesha	assistant professor, Mallareddy Engineering College(autonomous) , Dhulapally, hyderabad. , Hyderabad	India	India
Mrs. Samatha konda	assistant professor , information technology , st martin's engineering college , secundrabad, hyderabad	India	India
Mr. R.vadivel	Assistant Professor,Computer Science and Engineering, HKBK College of Engineering, Bangalore-560045	India	India
Dr. Mohd Amir	Assistant Professsor, Department of Management, Uttaranchal University Dehradun	India	India
Mrs. M.Christina Ranjitham	Assistant professor, Computer Science and Engineering, SCAD College of Engineering and Technology, Cheranmahadevi, Tirunelveli	India	India

Abstract:

Blockchain Based Cloud Storage System ABSTRACT: Cloud computing and storage solutions enable on-demand computation and storage at a cheap cost. Businesses and individuals are increasingly relying on cloud storage. However, various security risks and flaws have been identified with this method of storing data. A variety of data security regulations must be in place prior to transmitting sensitive data to a cloud server. When data is stored in many locations and is encrypted, it is more secure than ever before. One of our strategy's primary objectives is to provide a safe environment, as demonstrated by three important features. Utilize key generation to identify data owners and delegate authority in a Java-based blockchain network, which will be explored in greater detail later on this page! A person who owns data or characteristics must also determine who has access to and can receive the data or attributes. This is accomplished through the use of blockchain technology. The third phase combines the user revocation strategy with the rapid attribute update technique to limit access in a very small and specific manner. Our study, analysis, and performance testing have established that our technology is both viable and reliable.

Complete Specification

Claims:CLAIMS

1. Blockchain Based Cloud Storage System a cutting-edge science technology.
2. Blockchain Based Cloud Storage System of claim 1, wherein said that it can be used for a variety of purposes.
3. Blockchain Based Cloud Storage System of claim 1, wherein said the proposed system is more accurate and faster.
4. Blockchain Based Cloud Storage System of claim 1, wherein said that in this paper, we analyzed and discussed various aspects.
5. Blockchain Based Cloud Storage System of claim 1, wherein said that in recent years, Blockchain become a hot topic in medical system.
6. Blockchain Based Cloud Storage System of claim 1, wherein said that a reliable and efficient system for monitoring variables.
7. Blockchain Based Cloud Storage System of claim 1, wherein said that this research looks at all of the important and recent work that has been done so far, as well as its limitations and challenges.
8. Blockchain Based Cloud Storage System of claim 1, wherein said that Additional types may be studied in the future.

Description:DESCRIPTIONS:

[View Application Status](#)


राष्ट्रीय मतदाता सेवा पोर्टल
NATIONAL VOTERS' SERVICES PORTAL

Terms & conditions (<http://ipindia.gov.in/terms-conditions.htm>) Privacy Policy (<http://ipindia.gov.in/privacy-policy.htm>) Copyright (<http://ipindia.gov.in/copyright.htm>)
Hyperlinking Policy (<http://ipindia.gov.in/hyperlinking-policy.htm>) Accessibility (<http://ipindia.gov.in/accessibility.htm>) Archive (<http://ipindia.gov.in/archive.htm>)
Contact Us (<http://ipindia.gov.in/contact-us.htm>) Help (<http://ipindia.gov.in/help.htm>)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019



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

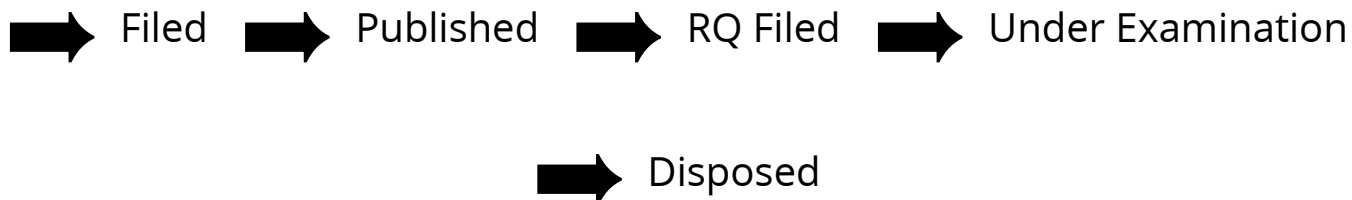
APPLICATION NUMBER	202241021032
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	07/04/2022
APPLICANT NAME	1 . Mr. Ghangesh gunaseelan 2 . Dr . Saurav Dash 3 . Dr. V. Sivakamy 4 . Dr. D. Surya prabha 5 . Dr.M.Robinson Joel 6 . Mr. Nitin Kumar Sahu 7 . Dr. Anoop Kumar Sahu 8 . N. Nitheesha 9 . Mrs. Samatha konda 10 . Mr. R.vadivel 11 . Dr. Mohd Amir 12 . Mrs. M.Christina Ranjitham
TITLE OF INVENTION	Block chain Based Cloud Storage System
FIELD OF INVENTION	COMMUNICATION
E-MAIL (As Per Record)	senanipindia@gmail.com
ADDITIONAL-EMAIL (As Per Record)	admin@senanip.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	22/04/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination

[View Documents](#)



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

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<http://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

[Skip to Main Content](#)



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



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

Patent Search

Invention Title	GOVERNMENT FUND ALLOCATION & TRACKING SYSTEM OVER BLOCKCHAIN		
Publication Number	17/2022		
Publication Date	29/04/2022		
Publication Type	INA		
Application Number	202221018493		
Application Filing Date	29/03/2022		
Priority Number			
Priority Country			
Priority Date			
Field Of Invention	COMMUNICATION		
Classification (IPC)	H04L0009060000, G06Q0020380000, H04L0009320000, G06Q0050260000, G06F0021640000		
Inventor			
Name	Address	Country	Nationality
Dr. K.T. Vigneswara Rao	Assistant Professor Grade-1, School of General Management , National Institute of Construction Management & Research (NICMAR), N.I.A. Post Office, 25/1, Balewadi Road, Ram Nagar, Baner, Pune-411045	India	India
Dr.P.Sorubarani	Associate Professor and Head, B.Com (Business Analytics), School of Commerce, KPR College of Arts Science and Research, Coimbatore-641 407	India	India
Dr. P. Nathiya	Associate Professor, Social Work, Nehru Arts and Scien College Nehru Gardens, T. M. Palayam, Coimbatore -641105	India	India
Dr. Vivek Sharma	Director , Management , Sohem Group, Bareilly -243122	India	India
Mr. .A.Surendran	Assistant Professor, Rajapalayam Rajus' College, Rajapalayam -626 117	India	India
Dr. C. SenthilKumar	Assistant Professor of Commerce, Commerce, Saiva Bhanu Kshatriya College, Aruppukottai- 626101	India	India
Dr. Atul Kumar Sahu,	Assistant Professor, Department of Industrial and Production Engineering, School of Studies in Engineering and Technology Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur	India	India
MS. Silky Sharma	Assistant Professor , Management , AMITY University Greater Noida,	India	India
Dr. Ram Singh	Associate Professor , Commerce and Management , Quantum University City: Roorkee ,	India	India
Dr. Rohit Bansal	Assistant Professor , Management Studies, Vaish College of Engineering, Rohtak, Haryana, Rohtak	India	India
Mr A Sridhar	Principal, Professor & HOD,, Physiotherapy, Sapthagiri Institute of Physiotherapy,, Bangalore-560090	India	India
Ms .Gloriya Raju	Lecturer, Department: Physiotherapy, Sapthagiri Institute of Physiotherapy, Bangalore-560090	India	India
Applicant			

Name	Address	Country	Nationality
Dr. K.T. Vigneswara Rao	Assistant Professor Grade-1, School of General Management , National Institute of Construction Management & Research (NICMAR), N.I.A. Post Office, 25/1, Balewadi Road, Ram Nagar, Baner, Pune-411045	India	India
Dr.P.Sorubarani	Associate Professor and Head, B.Com (Business Analytics), School of Commerce, KPR College of Arts Science and Research, Coimbatore-641 407	India	India
Dr. P. Nathiya	Associate Professor, Social Work, Nehru Arts and Scien College Nehru Gardens, T. M. Palayam, Coimbatore -641105	India	India
Dr. Vivek Sharma	Director , Management , Sohem Group, Bareilly -243122	India	India
Mr. .A.Surendran	Assistant Professor, Rajapalayam Rajus' College, Rajapalayam -626 117	India	India
Dr. C. SenthilKumar	Assistant Professor of Commerce, Commerce, Saiva Bhanu Kshatriya College, Aruppukottai- 626101	India	India
Dr. Atul Kumar Sahu,	Assistant Professor, Department of Industrial and Production Engineering, School of Studies in Engineering and Technology Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur	India	India
MS. Silky Sharma	Assistant Professor , Management , AMITY University Greater Noida,	India	India
Dr. Ram Singh	Associate Professor , Commerce and Management , Quantum University City: Roorkee ,	India	India
Dr. Rohit Bansal	Assistant Professor , Management Studies, Vaish College of Engineering, Rohtak, Haryana, Rohtak	India	India
Mr A Sridhar	Principal, Professor & HOD,, Physiotherapy, Sapthagiri Institute of Physiotherapy,, Bangalore-560090	India	India
Ms .Gloriya Raju	Lecturer, Department: Physiotherapy, Sapthagiri Institute of Physiotherapy, Bangalore-560090	India	India

Abstract:

Government Fund Allocation & Tracking System over Blockchain ABSTRACT: The following list demonstrates that governments perform a wide range of functions. People in the state government must execute a variety of tasks in order for the government to carry out its many responsibilities. Furthermore, several new projects and contracts will be awarded, as well as pay raises for public sector employees and agricultural programmes. While it may be difficult to detect corruption at lower levels of government, which can have a significant impact on a state's ability to function, it must be dealt with immediately at the highest levels of government. As things now stand, locating the individual is nearly impossible. During our inquiry, we devised a method for tracking how public funds are distributed throughout the federal government. We employ blockchain technology to conceal all transactions that occur when money is sent to its final destination. All transactions include proofs of completion, making them secure and transparent. The blockchain can be seen in a variety of ways. Initially, it was referred to as a "block chain." Each new block has a cryptographic hash that comprises a timestamp and transaction data from the previous block, ensuring that the hash is unique. This data is then placed on the blockchain in the following stage. To ensure that no one can access their data, the researchers employ an algorithm known as AES. Changes to data on the Ethereum blockchain are difficult due to weaknesses in the network's design. We devised a method for tracking how much money people donate to the government as it climbs up the food chain. To do this, we used techniques such as key pair generation and metadata file decryption. We also double-checked the data. Money may now be moved in a secure and transparent manner thanks to blockchain technology. With this strategy, everyone in the chain who has access to the data can retain a clean record. Each link in the transaction chain records and verifies a block of transactions to ensure that the data is secure and usable in the future by the government. This is accomplished through the usage of hash values. Because it can give a perfect, lawful, and safe manner of allocating monies, there is a chance that the system might be used to put up a government system that is not prone to corruption.

Complete Specification**Claims:CLAIMS**

1. Government Fund Allocation & Tracking System over Blockchain a cutting-edge science technology.
2. Government Fund Allocation & Tracking System over Blockchain of claim 1, wherein said that it can be used for a variety of purposes.
3. Government Fund Allocation & Tracking System over Blockchain of claim 1, wherein said the proposed system is more accurate and faster.
4. Government Fund Allocation & Tracking System over Blockchain of claim 1, wherein said that in this paper, we analyzed and discussed various aspects.
5. Government Fund Allocation & Tracking System over Blockchain of claim 1, wherein said that in recent years, Blockchain become a hot topic in medical system.
6. Government Fund Allocation & Tracking System over Blockchain of claim 1, wherein said that a reliable and efficient system for monitoring variables.
7. Government Fund Allocation & Tracking System over Blockchain of claim 1, wherein said that this research looks at all of the important and recent work that has been done so far, as well as its limitations and challenges.
8. Government Fund Allocation & Tracking System over Blockchain of claim 1, wherein said that Additional types may be studied in the future.

Description:DESCRIPTIONS:

[View Application Status](#)



राष्ट्रीय मतदाता सेवा पोर्टल
NATIONAL VOTERS' SERVICES PORTAL

Terms & conditions (<http://ipindia.gov.in/terms-conditions.htm>) Privacy Policy (<http://ipindia.gov.in/privacy-policy.htm>) Copyright (<http://ipindia.gov.in/copyright.htm>)
Hyperlinking Policy (<http://ipindia.gov.in/hyperlinking-policy.htm>) Accessibility (<http://ipindia.gov.in/accessibility.htm>) Archive (<http://ipindia.gov.in/archive.htm>)
Contact Us (<http://ipindia.gov.in/contact-us.htm>) Help (<http://ipindia.gov.in/help.htm>)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019



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>)

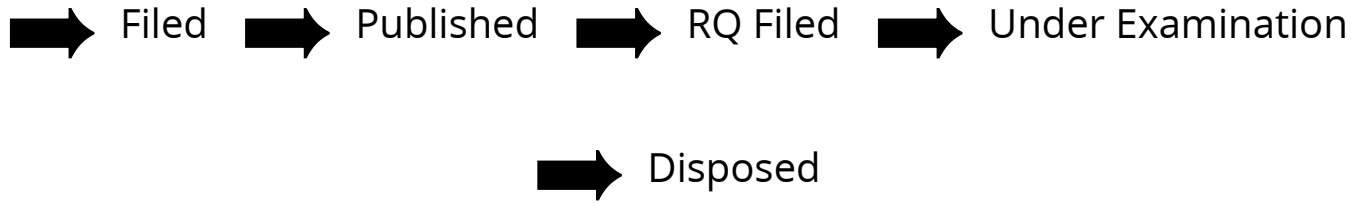
Application Details

APPLICATION NUMBER	202221018493
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	29/03/2022
APPLICANT NAME	1 . Dr. K.T. Vigneswara Rao 2 . Dr.P.Sorubarani 3 . Dr. P. Nathiya 4 . Dr. Vivek Sharma 5 . Mr. .A.Surendran 6 . Dr. C. SenthilKumar 7 . Dr. Atul Kumar Sahu, 8 . MS. Silky Sharma 9 . Dr. Ram Singh 10 . Dr. Rohit Bansal 11 . Mr A Sridhar 12 . Ms .Gloriya Raju
TITLE OF INVENTION	GOVERNMENT FUND ALLOCATION & TRACKING SYSTEM OVER BLOCKCHAIN
FIELD OF INVENTION	COMMUNICATION
E-MAIL (As Per Record)	senanipindia@gmail.com
ADDITIONAL-EMAIL (As Per Record)	admin@senanip.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	29/04/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination

[View Documents](#)

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

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<http://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

[Skip to Main Content](#)



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



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

Patent Search

Invention Title	A smart wearable device for early detection and identification of COVID-19 cases
Publication Number	12/2022
Publication Date	25/03/2022
Publication Type	INA
Application Number	202241012143
Application Filing Date	07/03/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	BIO-MEDICAL ENGINEERING
Classification (IPC)	A61B0005000000, H04L0029060000, G16H0050200000, G06N0020000000, G06Q0050220000

Inventor

Name	Address	Country	Nationality
Dr. Gurpreet Singh Chhabra	GITAM Institute of Technology, GITAM (Deemed to be University) Visakhapatnam, A.P., India	India	India
Satish Kumar Negi	Guru Ghasidas Vishwavidyalaya (A Central University) Bilaspur, 495009, Chhattisgarh, India	India	India
Amit Baghel	Guru Ghasidas Vishwavidyalaya (A Central University) Bilaspur, 495009, Chhattisgarh, India	India	India
Devendra Kumar Singh	Guru Ghasidas Vishwavidyalaya(A Central University), Bilaspur, 495009, Chhattisgarh, India	India	India
Pushpendra Kumar Chandra	Guru Ghasidas Vishwavidyalaya(A Central University), Bilaspur, 495009, Chhattisgarh, India	India	India
Poonam Yerpude	Guru Ghasidas Vishwavidyalaya(A Central University), Bilaspur, 495009, Chhattisgarh, India	India	India
Vishnu Kant Soni	Lakhmi Chand Institute of Technology, Bilaspur, 495220, Chhattisgarh, India	India	India

Applicant

Name	Address	Country	Nationality
Dr. Gurpreet Singh Chhabra	GITAM Institute of Technology, GITAM (Deemed to be University) Visakhapatnam, A.P., India	India	India
Satish Kumar Negi	Guru Ghasidas Vishwavidyalaya (A Central University) Bilaspur, 495009, Chhattisgarh, India	India	India
Amit Baghel	Guru Ghasidas Vishwavidyalaya (A Central University) Bilaspur, 495009, Chhattisgarh, India	India	India
Devendra Kumar Singh	Guru Ghasidas Vishwavidyalaya(A Central University), Bilaspur, 495009, Chhattisgarh, India	India	India
Pushpendra Kumar Chandra	Guru Ghasidas Vishwavidyalaya(A Central University), Bilaspur, 495009, Chhattisgarh, India	India	India
Poonam Yerpude	Guru Ghasidas Vishwavidyalaya(A Central University), Bilaspur, 495009, Chhattisgarh, India	India	India
Vishnu Kant Soni	Lakhmi Chand Institute of Technology, Bilaspur, 495220, Chhattisgarh, India	India	India

Abstract:

ABSTRACT [1] The world has been facing the challenge of COVID-19 since the end of 2019. It is expected that the world will need to battle the COVID-19 pandemic with precautionary measures, until an effective vaccine is developed. [2] This work proposes a real-time COVID-19 detection and identification system. The proposed system would employ an Internet of Things (IoT) framework to collect real-time symptom data from users to early identify suspected coronaviruses cases, to monitor the treatment response of those who have already recovered from the virus, and to understand the nature of the virus by collecting and analyzing relevant data. [3] The framework consists of five main components: Symptom Data Collection and Uploading (using wearable sensors), Quarantine/Isolation Center, Data Analysis Center (that uses machine learning algorithms), Health Physicians, and Cloud Infra-structure. To quickly identify potential coronaviruses cases from this real-time symptom data, using machine learning algorithms. An experiment was conducted to test this system on a real COVID-19 symptom dataset, after selecting the relevant symptoms.

Complete Specification

Claims:WE CLAIMS

- [1] A system as claimed in claim 1, wherein the system is autonomous detection of infection level in humans using smart device technology.
- [2] A system as claimed in claim 2, wherein the system is a series of IoT sensor interconnections fitted within a smart device.
- [3] A system as claimed in claim 3, wherein the system connects the real-time condition of human beings associated with covid-19 infections.
- [4] A system as claimed in claim 4, wherein the system enables the individuals to monitor themselves the state of their oxygen level and physical stability.
- [5] A system as claimed in claim 5, wherein the clinician monitors the stability of covid-19 affected individuals and reporting their immediate diagnosis.
- [6] A system as claimed in claim 6, wherein the system assists the healthcare and local health ministry to track the covid-19 records of an individual.
- [7] A system as claimed in claim 7, wherein the system alerts the critical condition of patients using smart device technology to local health ministry and hospitals.

, Description:COMPLETE SPECIFICATION

FIELD OF THE INVENTION

[1] The present invention relates to the field of computer science and engineering. The coronavirus outbreak is a threat to humanity in recent times that disrupts the global healthcare systems. The healthcare and government policies make utmost concern in preventing the infectious spread and in reducing the rate of infections in humans. In such cases machine Learning and IOT techniques use to monitor the COVID-19 patients efficiently stop the spread of the corona virus. More particularly, the present invention is related to a smart wearable device for early detection and identification of COVID-19.

BACKGROUND OF THE INVENTION

[View Application Status](#)



Terms & conditions (<http://ipindia.gov.in/terms-conditions.htm>) Privacy Policy (<http://ipindia.gov.in/privacy-policy.htm>) Copyright (<http://ipindia.gov.in/copyright.htm>)
Hyperlinking Policy (<http://ipindia.gov.in/hyperlinking-policy.htm>) Accessibility (<http://ipindia.gov.in/accessibility.htm>) Archive (<http://ipindia.gov.in/archive.htm>)
Contact Us (<http://ipindia.gov.in/contact-us.htm>) Help (<http://ipindia.gov.in/help.htm>)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019



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>)



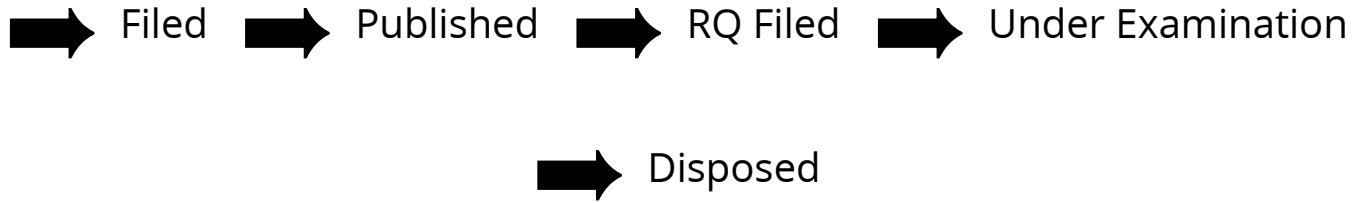
(<http://ipindia.nic.in/index.htm>)

Application Details

APPLICATION NUMBER	202241012143
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	07/03/2022
APPLICANT NAME	1 . Dr. Gurpreet Singh Chhabra 2 . Satish Kumar Negi 3 . Amit Baghel 4 . Devendra Kumar Singh 5 . Pushpendra Kumar Chandra 6 . Poonam Yerpude 7 . Vishnu Kant Soni
TITLE OF INVENTION	A smart wearable device for early detection and identification of COVID-19 cases
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
E-MAIL (As Per Record)	senanipindia@gmail.com
ADDITIONAL-EMAIL (As Per Record)	admin@senanip.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	25/03/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination[View Documents](#)

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

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<shttp://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

[Skip to Main Content](#)



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



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

Patent Search

Invention Title	A LIGHTWEIGHT METHOD FOR PEER-TO-PEER ENERGY TRADING FRAMEWORKUSING DIRECTED ACYCLIC GRAPH (DAG) BASED BLOCKCHAIN
Publication Number	10/2022
Publication Date	11/03/2022
Publication Type	INA
Application Number	202231005989
Application Filing Date	04/02/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	COMMUNICATION
Classification (IPC)	H04L0029080000, G06Q0040040000, G06Q0020220000, H04L0009060000, H04L0009320000

Inventor

Name	Address	Country	Nationality
Nihar Ranjan Pradhan	Research Scholar, Department of Computer Science & Engineering, National Institute of Technology, Meghalaya, Bijn Complex, Laitumkrah, Shillong, Meghalaya 793003, India.	India	India
Dr. Akhilendra Pratap Singh	Assistant Professor, Department of Computer Science & Engineering, National Institute of Technology, Meghalaya, Bijn Complex, Laitumkrah, Shillong, Meghalaya 793003, India.	India	India
Dr. Diptendu Sinha Roy	Associate Professor, Department of Computer Science & Engineering, National Institute of Technology, Meghalaya, Bijn Complex, Laitumkrah, Shillong, Meghalaya 793003, India.	India	India
Dr.Rajesh Mahule	Assistant Professor, Department of Information Technology, Guru Ghasidas Vishwavidyalaya, Chhattisgarh, India	India	India

Applicant

Name	Address	Country	Nationality
NATIONAL INSTITUTE OF TECHNOLOGY	NATIONAL INSTITUTE OF TECHNOLOGY (An Institute of National importance under MHRD, Govt. of India), BIJINI COMPLEX, LAITUMKRAH, SHILLONG - 793003, MEGHALAYA, INDIA	India	India

Abstract:

This invention highly concentrates in how Blockchain technologies work and a lightweight 'Tangle' based framework, namely IOTA (Third generation DLT) is employed for designing an energy trading market that uses Directed Acyclic Graph (DAG) based solution that not only alleviates the reward overhead for micro-transactions but also provides scalability, quantum-proof, and high throughput of such transactions at low confirmation latency. Furthermore the Masked Authentication Messaging (MAM) protocol is used over the IOTA P2P energy trading framework that allows energy producer and consumer to share the data while maintaining the confidentiality, and facilitates the data accessibility. The Raspberry Pi 3 board along with voltage sensor (INA219) used for the setting up light node and publishing and fetching data from the Tangle. The results of the obtained benchmarking indicate low confirmation latency, high throughput, system with Hyperledger Fabric and Ethereum. Moreover, the effect of transaction rate decreases when the IOTA bundle size increases. The speedy confirmation time of transactions in IOTA, is most suitable for peer to peer energy trading scenarios. This study serves as a guideline for deploying, end-to-end transaction with IOTA Distributed Ledger Technology (DLT) and improving the performance of Blockchain in the energy sector under various operating conditions.

Complete Specification

FIELD OF THE INVENTION

The present invention relates to working of Directed Acyclic Graph (DAG) based Blockchain technology in Peer to Peer (P2P) energy trading and a lightweight 'Tangle' based framework, namely IOTA (Third generation DLT) is employed for designing an energy trading market that uses DAG based solution that not only alleviates the reward overhead for micro-transactions but also provides security, scalability, and high throughput of such transactions at low confirmation latency. Furthermore, the Masked Authentication Messaging (MAM) protocol is used over the IOTA P2P energy trading framework that allows energy producer and consumer to share the data while maintaining confidentiality, and facilitates data accessibility. Raspberry Pi 3 board along with current, voltage and power sensor (INA219) are used for setting up light node IOTA and publishing and fetching data from the Tangle. This invention serves as a guideline for deploying end-to-end transactions with IOTA Distributed Ledger Technology (DLT) for improving the performance of Blockchain in the energy sector under various operating conditions. The results of the obtained benchmarking indicate low confirmation latency, high throughput, system with other popular blockchain framework such as Hyperledger Fabric and Ethereum. Moreover, the effect of transaction rate decreases when the IOTA bundle size increases. The speedy confirmation time of transactions in IOTA, is most suitable for peer to peer energy trading scenarios.

[02] BACKGROUND OF THE INVENTION

This work goes in the direction of the democratization of energy production and trading. Faced with these major challenges, advances must allow the best possible integration of renewable energies and storage capacities, the establishment of incentive mechanisms, for greater consumer involvement in smart trading system.

[View Application Status](#)

› **Department of Industrial
Policy and Promotion**
› Government of India

[Terms & conditions \(http://ipindia.gov.in/terms-conditions.htm\)](http://ipindia.gov.in/terms-conditions.htm) [Privacy Policy \(http://ipindia.gov.in/privacy-policy.htm\)](http://ipindia.gov.in/privacy-policy.htm) [Copyright \(http://ipindia.gov.in/copyright.htm\)](http://ipindia.gov.in/copyright.htm)
[Hyperlinking Policy \(http://ipindia.gov.in/hyperlinking-policy.htm\)](http://ipindia.gov.in/hyperlinking-policy.htm) [Accessibility \(http://ipindia.gov.in/accessibility.htm\)](http://ipindia.gov.in/accessibility.htm) [Archive \(http://ipindia.gov.in/archive.htm\)](http://ipindia.gov.in/archive.htm)
[Contact Us \(http://ipindia.gov.in/contact-us.htm\)](http://ipindia.gov.in/contact-us.htm) [Help \(http://ipindia.gov.in/help.htm\)](http://ipindia.gov.in/help.htm)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019



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>)

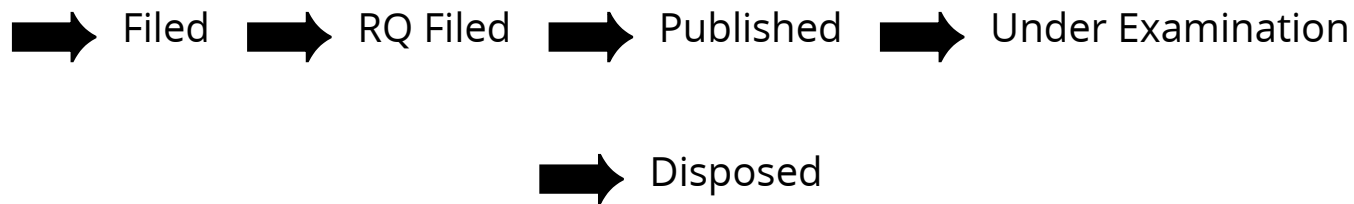
Application Details

APPLICATION NUMBER	202231005989
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	04/02/2022
APPLICANT NAME	NATIONAL INSTITUTE OF TECHNOLOGY
TITLE OF INVENTION	A LIGHTWEIGHT METHOD FOR PEER-TO-PEER ENERGY TRADING FRAMEWORK USING DIRECTED ACYCLIC GRAPH (DAG) BASED BLOCKCHAIN
FIELD OF INVENTION	COMMUNICATION
E-MAIL (As Per Record)	akhilendra.singh@nitm.ac.in
ADDITIONAL-EMAIL (As Per Record)	niharpradhan@nitm.ac.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	04/02/2022
PUBLICATION DATE (U/S 11A)	11/03/2022

Application Status

APPLICATION STATUS	Reply not Filed Deemed to be abandoned U/s 21(1)
--------------------	---

[View Documents](#)



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

Home (<http://ipindia.nic.in/index.htm>) About Us (<http://ipindia.nic.in/about-us.htm>) Who's Who (<http://ipindia.nic.in/whos-who-page.htm>)
 Policy & Programs (<http://ipindia.nic.in/policy-pages.htm>) Achievements (<http://ipindia.nic.in/achievements-page.htm>)
 RTI (<http://ipindia.nic.in/right-to-information.htm>) Feedback (<https://ipindiaonline.gov.in/feedback>) Sitemap (<http://ipindia.nic.in/itemap.htm>)
 Contact Us (<http://ipindia.nic.in/contact-us.htm>) Help Line (<http://ipindia.nic.in/helpline-page.htm>)

[Skip to Main Content](#)



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



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

Patent Search

Invention Title	METHOD FOR MIGRATION OF SESSIONS AMONG CIPHER MACHINES USING LAGRANGE INTERPOLATION
Publication Number	02/2022
Publication Date	14/01/2022
Publication Type	INA
Application Number	202221000273
Application Filing Date	03/01/2022
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	ELECTRONICS
Classification (IPC)	H04N0019190000, H01L0021180000, H01M0004130000, H04L0009000000, A61K0009460000

Inventor

Name	Address	Country	Nationality
Dr. Ravi Kumar Singh Pippal	Principal, Vedica Institute of Technology, RKDF University, Bhopal	India	India
Vaibhav Kant Singh	Assistant Professor Department of Computer Science and Engineering, School of Studies in Engineering and Technology, Guru Ghasidas Vishwavidyalaya, Central University, Bilaspur, Chhattisgarh	India	India
Pradeep Gupta	Assistant Professor (Computer Science and Engineering) Ajay Kumar Garg Engineering College, Ghaziabad	India	India
Dr. Manish Gangil	Professor (Mechanical Engineering), Sri Satya Sai College of Engineering, RKDF University, Bhopal	India	India
Dr. Sohail Bux	Principal, AGNOS College of Technology, RKDF University, Bhopal	India	India
Dr. Ritesh Sadiwala	Department of Electronics and Communication Engineering Bhabha College of Engineering, RKDF University, Bhopal	India	India
Jayant Yogendra Hande	Assistant Professor Electronics and Telecommunications Engineering Priyadarshini J. L. College of Engineering, Nagpur, Maharashtra	India	India
Jayantkumar D. Dorave	Assistant Professor Electronics and Telecommunications Engineering Priyadarshini J. L. College of Engineering, Nagpur, Maharashtra	India	India

Applicant

Name	Address	Country	Nationality
Dr. Ravi Kumar Singh Pippal	Principal, Vedica Institute of Technology, RKDF University, Bhopal	India	India
Vaibhav Kant Singh	Assistant Professor Department of Computer Science and Engineering, School of Studies in Engineering and Technology, Guru Ghasidas Vishwavidyalaya, Central University, Bilaspur, Chhattisgarh	India	India
Pradeep Gupta	Assistant Professor (Computer Science and Engineering) Ajay Kumar Garg Engineering College, Ghaziabad	India	India
Dr. Manish Gangil	Professor (Mechanical Engineering), Sri Satya Sai College of Engineering, RKDF University, Bhopal	India	India
Dr. Sohail Bux	Principal, AGNOS College of Technology, RKDF University, Bhopal	India	India
Dr. Ritesh Sadiwala	Department of Electronics and Communication Engineering Bhabha College of Engineering, RKDF University, Bhopal	India	India
Jayant Yogendra Hande	Assistant Professor Electronics and Telecommunications Engineering Priyadarshini J. L. College of Engineering, Nagpur, Maharashtra	India	India
Jayantkumar D. Dorave	Assistant Professor Electronics and Telecommunications Engineering Priyadarshini J. L. College of Engineering, Nagpur, Maharashtra	India	India

Abstract:

Gilbert Vernam suggested a teletype encryption in 1917, eventually resulted in the introduction of the onetime pad as well as the usage of electromechanical cipher machines (CM). It is possible to increase confidentiality by the registration of all cipher devices and enables individuals or troops to interact via such device. Nevertheless, neither of it would have mentioned the ability to migrate sessions across licensed CM. The goal of this research is to present a Lagrange Interpolating Polynomial-based session migrating technique for encryption machines. It is practical to build because it uses a Lagrange Interpolating Polynomial rather than an expensive, time-consuming exponential calculation. If a person has to change their current cipher machine caused by a problem, our system enables them to migrate across all registered CM.

Complete Specification

- Claims:1. Method to improve the overall TMIS system by providing secure and efficient communication among Clinical Centers, Patients and TMIS Server.
2. As far as security is concerned, the proposed method relies on the hardness of breaking Discrete Logarithm Problem.
3. A thorough operational and performance evaluation shows that the proposed method is beneficial and advantageous over the related TMIS schemes in terms of security and efficiency. , Description:TITLE OF INVENTION: Method for Migration of Sessions among Cipher Machines using Lagrange Interpolation

DESCRIPTION:**Field and Background of the system**

Spartans invented a cryptography apparatus to transmit and receive secret communications around 5BC. Both the transmitter and the receiver of the information had this equipment, that looked like a cylindrical shape device called a Scytale. A transposition cipher were created as a result of this. Julius Caesar was the first to employ the substitute approach. The VIGENERE SQUARE, a realistic poly alphabetic structure bearing his name, was developed later. Kama Sutra is a strategy used by partners in India to interact without even being found, according to Indian literature.

Gilbert Vernam suggested a teletype encryption in 1917, that led to the invention of the one-time pad and the usage of electromechanical CM. The Enigma machine were extensively employed by Nazi Germany, and mechanical and electromechanical encryption systems was extensively seen by the end of World War II. The importance of authenticating communicating parties cannot be overstated. Single factor authentication, on the other hand, is insufficient. As a result, several writers have developed and

[View Application Status](#)

**Department of Industrial
Policy and Promotion**
Government of India

Terms & conditions (<http://ipindia.gov.in/terms-conditions.htm>) Privacy Policy (<http://ipindia.gov.in/privacy-policy.htm>) Copyright (<http://ipindia.gov.in/copyright.htm>)
Hyperlinking Policy (<http://ipindia.gov.in/hyperlinking-policy.htm>) Accessibility (<http://ipindia.gov.in/accessibility.htm>) Archive (<http://ipindia.gov.in/archive.htm>)
Contact Us (<http://ipindia.gov.in/contact-us.htm>) Help (<http://ipindia.gov.in/help.htm>)

Content Owned, updated and maintained by Intellectual Property India, All Rights Reserved.

Page last updated on: 26/06/2019



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

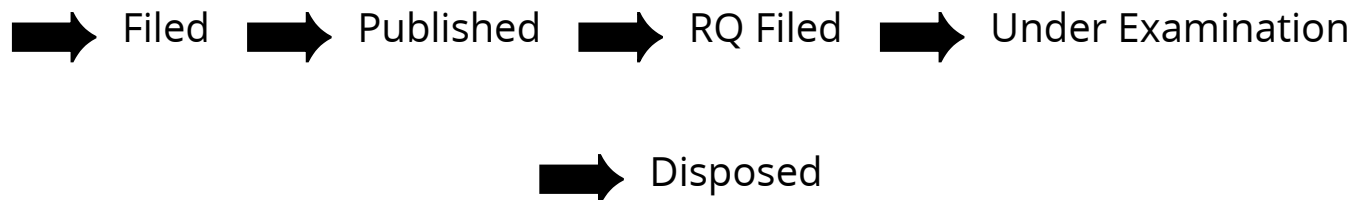
APPLICATION NUMBER	202221000273
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	03/01/2022
APPLICANT NAME	1 . Dr. Ravi Kumar Singh Pippal 2 . Vaibhav Kant Singh 3 . Pradeep Gupta 4 . Dr.Manish Gangil 5 . Dr. Sohail Bux 6 . Dr. Ritesh Sadiwala 7 . Jayant Yogendra Hande 8 . Jayantkumar D. Dorave
TITLE OF INVENTION	METHOD FOR MIGRATION OF SESSIONS AMONG CIPHER MACHINES USING LAGRANGE INTERPOLATION
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	ravesingh@gmail.com
ADDITIONAL-EMAIL (As Per Record)	ravesingh@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	14/01/2022

Application Status

APPLICATION STATUS

Awaiting Request for Examination

[View Documents](#)



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