Patent Details

CRITERION III

Details of Patents

5	Name of Teacher	Department	Patent Number	Patent Title	Date of Grant	Status
1	Dr. Mamta S Wagh & Others	Chemistry	202521025418	Quadra functional Formulation from Boerhavia diffusa	20-Mar-25	Published
2	Dr. Wasudeo Gurnule, Dr.Rashmi dubey	Chemistry	419244001	Device for measuring Ph of Fluids	05-Jun-24	Published
3	Mr. Nishant Burade	Bio Technology	202421023278 A	Tetradesmus Obliquus-mediated Synthesis Of Platinum Nanoparticles	03-May-24	Published
4	Dr. Aruna Chamatkar	Computer Science	202421002769	Design a credit card fraud Detection Technique with machine Learning Innovations	23-Feb-24	Published
5	Dr. Mamta S Wagh & Others	Chemistry	202421097168	Green solvent Extraction process for extracting Phytochemicals from leaves of Alternanthera sessilis	09-Dec-24	Published
6	Dr. Wasudeo Gurnule & Others	Chemistry	2.02241E+11	Multifunctional Nanomaterials Method of Photothermally Heating a Solution and Catalyzing a Reaction	03-Jan-23	Published
7	Dr. Vibha Bhusari, Nilesh Chole, Nitin, Shrigirwar, Neha Bhandari, Kushal Dharmik, Pranav Lakhe, Anant Sidana	Commerce & Management		AI enabled cyber secured stock market prediction system	12-Dec-23	Granted
8	Dr Vibha Bhusari	MBA	202211030063	Impact of Auditors on Credit and Loan Regulatory System in Micro Credit banks	03-Jun-22	Published

Details of Patents

SI10	Name of Teacher	Department	Patent Number	Patent Title	Date of Grant	Status
9	Dr. Wasudeo Gurnule & Others	Chemistry	202241010593	Nanotechnology formulation of Poorly Soluble Compounds through Microfludization Process	11-Mar-22	Published
10	Dr. Wasudeo Gurnule & Others	Chemistry	202221003745	Method for the Synthesis of Mixed Metal Nanoscale Composites Using Low Cost Precursors	22-Jan-22	Published
11	Dr. Wasudeo Gurnule & Others	Chemistry	202241002201	Machanical Characterization Studies on Loam Sandy Soil Mixed Micro Silica for Structural Application	22-Jan-22	Published
12	Dr. Wasudeo Gurnule & Others	Chemistry	202241001883	Metal Complexes and Composition with Novel Synthesis, Characterization and Properties of Binucler Gold(I) Phosphine Alkynyl Complexes.	12-Jan-22	Published
13	Dr. Wasudeo Gurnule & Others	Chemistry	356425-001	Heavy Metal Contamination Detecting Gloves	10-Jan-22	Published
14	Dr. Wasudeo Gurnule & Others	Chemistry	202241001185	Cultivating FunMctional Crop Nano Organic Composition and method therof	10-Jan-22	Published
15	Dr Vibha Bhusari	MBA	2021105082	Impact of Open Access e-resource in digital Eduation System	07-Aug-21	Granted
16	Dr. Wasudeo Gurnule & Others	Chemistry	202111060718	Green Biocatalytic Synthesis of Nanoscale Material for Sensoristic and Biomedical Application.	24-Dec-21	Published
17	Dr. Wasudeo Gurnule & Others	Chemistry		Air Purification system for Cyclist		Under Process





Patent Title	Green solvent extraction process fo Alternanthera Sessilis	r extracting phytochemicals fro
		Certificate of Publication
Application No.	202421097168	21520, 841 PM Mellekual Popey Indo
Application Type	Ordinary Application	Office of the Controler General of Pictures, Designo & Inde Muita Department for Pictureshon of Industry and Internal Trade Mainlay of Commerce & Mutury. Commerce & Mutury. (http://ipindia.nic.in/index.htm)
Date of Filing	09/12/2024	Portuge P
		Application Details
	1 1 100 10000	APPLICATION NUMBER 2024/2109/168 APPLICATION TYPE OPDINARY ARREVATION
Publication Date	14/02/2025	DATE OF FILING 09/12/2024
	11,01,2020	APPLICANT NAME 1. ShVani Rajesh Sharma 2. Dr. Manta Sambhaji Wagh
C + +	D 11:1 1	TITLE OF INVENTION Green solvent extraction process for extracting phytochemicals from leaves of Alternanthera Sessilis
Status	Published	FIELD OF INVENTION CHEMICAL
		E-MAIL (As Per Record) gosavipriti@gmail.com
		ADDITIONAL-EMAIL (As Per Record) patentmasterkey@gmail.com
		E-MAIL (UPDATED Online)
Inventor(s)	Dr Mamta Wagh	PRIORITY DATE
Inventor(3)	Di. Mainta Magn	REQUEST FOR EXAMINATION DATE 16/01/2025
		PUBLICATION DATE (U/S 11A) 14/02/2025
Institution	RTMNU, Nagpur.	Application Status
Attiliation	or the	Application Awaiting Examination

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ABSTRACT

The present invention relates to a green, eco-friendly extraction process for obtaining bioactive phytochemicals from the leaves of Alternanthera sessilis. The method involves the use of non-toxic, biodegradable solvents under controlled conditions to maximize yield and preserve the structural integrity of thermolabile compounds. This extraction process offers a sustainable alternative to conventional solvent extraction methods by minimizing environmental impact and improving the safety profile of the procedure. The invention finds applications in the pharmaceutical, nutraceutical, and cosmetic industries for the formulation of plant-based products rich in antioxidants, flavonoids, and other therapeutic compounds. The process is cost-effective, scalable, and suitable for commercial use.





Patent Title	Device for measuring Ph of Fluids	
Design No.	419244-001	Invoice of Application
Application Type	Ordinary Application	Centrafor General of Patens, Deigne & Ende Morie DC & La de La de La de Carlo Se de La Carlo Marie DC & La de La de Carlo Se de La Carlo Marie Res Date verseginate pour Res Date verseginate pour G. G.B. New Reb 2011 86.7011
Publication Date	07/06/2024	Dan Time (*1602024 Tis User Code: Sahila T Sahila User Name: T Sahila 36-31 D. Main Rand Kiankanama Vilai
Status	Published	Agencement for Angustanti CBB Deal: Sc Max Name CL32 Form Remarks Sc Sc State Pail Sc Name Remarks
Inventor(s)	Dr. Wasudeo Gurnule	1 4152-641 1980 2985 FRANT SUF RANKLOPON INSTRUCTIONS 2 4152-641 1980 2985 FRANT DUT RANKLOPON INSTRUCTIONS 3 4152-641 1980 2985 FRANT DUT RANKLOPON INSTRUCTION INSTRUCTION 4 4152-641 1980 2985 FRANT IDGETAL INSIDES NANAZADINTERVECE
Institution Affiliation	RTMNU, Nagpur.	5 4456-01 3000 2005. FORM 1 DOCUMENT DEVICE 6 4156-04 3000 2005. FORM 1 SUBJECTION NULLION DEPONDENT DEVICE Franschaft Present Mode 3000. 2005. FORM 1 SUBJECTION NULLION DEPONDENT DEVICE Franschaft Present Mode 2000. FORM 1 SUBJECTION NULLION DEPONDENT DEVICE Franschaft Present Mode Chalm Intellicient Vanier Jament Pail Black dir CNn B400000045 Odine Bask Tranfer F/NC400120 600.00 LC50140000000
		Total Amount : ₹ 6000

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Citras / Date 07/06/2	04 Andreas aground 6084 are provided
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H. Gunta 3.Dr. Punam G. Gunta 4.Dr. Rashn	ii Rameth Dubey 5.Dr. V. Sahareethwari
6.Mrs.Menda Sreevani 7.Dr. Vinod Kumar Si	ngh 8.Dr. V.Kannan 9.Mr.J Logeshwaran
के नाम में उपयुंत संख्या और तारीख में कर लिख गया है।	
Certified that the design of which a copy is a	nnexed hereto has been registered as of
the number and date given above in class 1	D-05 in respect of the application of such
design to DEVICE FOR MEASURING PH V	ALUE OF FLUID in the name of 1.Dr.
Ramesh Duhey 5 Dr. V. Sabaraeshwari 6 I	Ars Menda Sreevani 7 Dr. Vinod Kumar
Singh 8.Dr. V.Kannan 9.Mr.J Logeshwaran	
रिलारन अविनिद्धाः 2000 लग दिलारन निद्धाः 2001 से उन	क्षीन प्रांतवानी के जनमाल है।
In pursuance of and subject to the provisions	of the Designs Act, 2000 and the
Designs Rules, 2001.	
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Patent T	ïtle
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Tetradesmus Obliquus-Mediated Synthesis of Platinum Nanoparticles

Application No.	202421023278
Application Type	Ordinary Application
Date of Filing	24 March 2024
Date of Publication	Publication Date: 3 May 2024
Status	Published
Inventor(s)	Mr. Nishant Burade
Institution Affiliation	RTMNU, Nagpur.



	Application Details	
APPLICATION NUMBER	202421023278	
APPLICATION TYPE	ORDINARY APPLICATION	
DATE OF FILING	24/03/2024	
APPLICANT NAME	1 . Chaudhary Ratiram G. 2 . Rai Alok A. 3 . Bhilkar Pavan R. 4 . Burde Nishant V. 5 . Potbhare Ajay K. 6 . Singh Raghvendra Pratap	
ITLE OF	TETRADESMUS OBLIQUUS- MEDIATED SYNTHESIS OF PLATINUM NANOPARTICLES	
ELD OF	CHEMICAL	
MAIL (As Per cord)	shrikantshirude1978@gmail.com	
DITIONAL- MAIL (As Per cord)		
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IORITY DATE		
TOP	25/02/2024	





Patent Title	Design a credit card fraud detection a Innovations	technique with Machine Learning	g
Application number	202311067850 A	Application	Certificate of Publication
Date of filing	20/02/2023	FORM1 d'OR OFFICE USE ONLY) THE PATENTS ACT, 1979 Kapitation Nat. 0.96 (1177) Amassi of the Path 1.97 Amassi of the Path 1.98 REPARTS SELES: 308 CBR Soc. CBR Soc. 1.97 Amassi of the Path 1.97 CBR Soc. 1.98 CBR Soc. 1.96 CBR Soc. 1.96 CBR Soc. 1.96 CBR Soc.	(12) 742157 APRILATION OLI Application Sci DODINICON A (8) 7805A (20) 7805 A
Publication Date :	23/02/2024	L APPLICANT(S): <u>Sr.No.</u> Name Nationality <u>Address Country State Diriter Cry</u> <u>Add Spars non</u> <u>add Spars non</u> <u>Drywals L.</u> <u>Numbhafar</u> India <u>Dragony</u> <u>India</u> <u>Maharudan</u> <u>Amreesti</u> <u>Amreesti</u>	Project 2, specific 2, set of the types are rather to a set of the types are ra
Registration date:	12 December 2023	2. DVENTOR(S): 57.0 Name Nafemality Address County State Detect Cray D. Provada 1. Lenninari Italia Nathabases Indas Madarashina Amerenti Nathabases	Adjustices No. Margie Karpies, Neurona Latter, Sonora
Status	Published	Dr. Sonali Different Sink Old 2 Gama India Spress New Parlinsker Madaravlare Number Aren Martine American Action Stress Field Madaravlare Dr. Spregar Entry Stress Field Stress Field 3 Bargear India Stress Field India Stress Field	Filing Loss *** Allows of Options Tiles 2055, On Your Jakobier, report of Options Tiles 2055, On Your Jakobier, report of Options Tiles 2056, Department of Options 2056
Inventor(s)	Dr. Aruna Chamatkar	440(0)4. do Dr. Anna (Dannafar) India (Dannafar) India (A003) Piter to SJA, Onn	(7) Johnan : A so of earlier (a) of head for earlier and the source of the poor of machine forming transitions to reduce a scenary, discoursy, and algorithmy in alternative gas adjustment to the source of the source and any state of the structure learning discourses, active of the structure gas and poor structure and the source of the structure and the source of gas and the source of the structure gas and the source of the structure and the source of the source of gas and the source of the structure gas and the source of the structure gas and the source of the source of the structure of the structure of the structure gas and the structure of the structure gas and the source of the structure
Institution Affiliation	RTMNU, Nagpur.	Di. Shoreti Shoreti 440024 opposite of the Automatical physics India Malarenha Naguer 6 Stedan Y. Zade India No. (Chana higher, Licons) India Malarenha Naguer 7 Die Stedan M. Zade India Mitterniters Naguer Naguer 7 Die Stedanth India Mitterniters Naguer Naguer	tunanang protono. No. «Pago 12 No. «Chaine: 5
		Signal Contraction of the second s	The Parent Office Journal No. 08/2024 Dated 23/02/2024 1906

ABSTRACT:

This patent application discloses a novel credit card fraud detection technique that harnesses the power of machine learning innovations to enhance accuracy, efficiency, and adaptability in identifying and preventing fraudulent transactions. The proposed system integrates state-of-the-art machine learning algorithms, advanced feature engineering methods, and real-time data processing capabilities, resulting in a robust and scalable solution to combat evolving fraud patterns. The system employs ensemble learning techniques, deep neural networks, and anomaly detection algorithms to analyze transaction data comprehensively. The proposed fraud detection system demonstrates superior performance through benchmarking against existing solutions, showcasing its ability to outperform in terms of accuracy, efficiency, and adaptability. This patent application aims to protect the intellectual property associated with the design and implementation of this innovative credit card fraud detection technique, offering a valuable contribution to the field of financial security and electronic transaction protection.



Patent Overview



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Quadra-functional formulation from Boerhavia diffusa

Application No.	202521025418	Certific:	eterotul Publication
Application Type	Ordinary Application	Office of the Controller Of Department for Promot Mirksty of Commerce & Covernment of India (http://ipindia.v	ioneral of Potents. Designs & Trade Muita tom of fuduatry and Tuternal Trade Industry. nic.in/index.htm)
Date of Filing	20/03/2025		IN TELECTUAL (http://kjindia.nic.in/in PROFERTY INDIA abdowled industors
0			Application Details
		APPLICATION NUMBER	202521025418
D 1 11 .1 D .		APPLICATION TYPE	ORDINARY APPLICATION
Publication Date	04/04/2025	APPLICANT NAME	1 . Shivani Rajesh Sharma 2. Nilima Manoharrao Dhote 3. Dr. Mamta Sambhaji Wagh
		TITLE OF INVENTION	Quadra-functional formulation from Boerhavia diffusa
0	D 11:1 1	FIELD OF INVENTION	CHEMICAL
Status	Published	E-MAIL (As Per Record)	patentmasterkey@gmail.com
		ADDITIONAL-EMAIL (As Per Record	() gosavipriti@gmail.com
		E-MAIL (UPDATED Online)	
		PRIORITY DATE	
Inventor(s)	Dr Mamta Wagh	REQUEST FOR EXAMINATION DATE	-
Institution Affiliation	RTMNU, Nagpur.		Application Status Application Status Awaiting Request for Examination View Docum

Abstract

The present invention discloses a novel quadra-functional formulation derived from *Boerhavia diffusa*, a medicinal plant known for its diverse pharmacological properties. The formulation exhibits four distinct biological activities—anti-inflammatory, antioxidant, hepatoprotective, and immunomodulatory effects—resulting from the synergistic action of bioactive phytoconstituents extracted using a standardized and optimized method. The invention includes the process of preparation, purification, and stabilization of the formulation to retain maximum therapeutic efficacy. It is designed for use in managing chronic inflammatory conditions, liver disorders, oxidative stress-related diseases, and immune dysfunctions. The formulation is natural, non-toxic, and demonstrates high bioavailability, making it suitable for application in pharmaceutical, nutraceutical, and functional food products. The innovation provides a holistic approach to disease management through a single multi-targeted plant-based formulation.





Patent Title	Multifunctional Nanomaterials Method Solution and Catalyzing a Reaction	d of Photothermally Heati	ng a	
Application No.	202241000278	FORM 9		
Application Type	Ordinary Application	THE PATIST ACT, 1970 (98 of 1070) & THE PATISTIS BULES, 2003	The start is consider load at least to begins it has liable the start of the start of the start of the start of the start (http://ipindia.nic.in/index.htm)	
Date of Filing	04/01/2022	REQUEST FOR PUBLICATION Siscension 11A (2) role 24A)	PORTULE Professional series and INTERCILL Professional series and INTERCIPUE	
Publication Date	14/01/2022	Wei Dr. T. Maninosgaliu, P. A. Mark, M. Sangaret, Dr. Wandon Baily Uniteral Biodegalitz, A. Josin Themanika, Dr. Nathy Neuraparet, Dr. Wandon Baily Uniteral Vestika Biody, K. Kerrill Patras Chanker, Rau, Dr. S. Witssenau, P. J. Sang, C. Manha Lendy response for early publication of nyour Plants Application No. 112407–12132022 (2018) Dated Biol 2020 (2014) and section 113(2) of the Act. Dated this/Fault Patraset. Date: A section 113(2) of the Act.	APUCCION 2020/98/2021 DRIG GENULA APPLCATE INVERTIGATION 1. PC 100/06/2021	
Status	Published	Name of the signatory	3. Six Chernell Mill Principal Republic 4. Six S. Javier Million Republic 2. Six Javier Transmission 7. Die Republic Republic 7. Die Republic Republic 3. Die Nather Million Republic 9. Six Marth Million Republic Republic 9. Six Marth Million Republic Republic Republic Six Marth Million Republic Republic Republic Republic Six Marth Million Republic Republic Republic Republic Six Marth Million Republic Republic Republic Republic Republic Republic Republic Republic Republi	
Inventor(s)	Dr. Wasudeo Gurnule	The common or ranks, The Part Office, At Chemni This form is electronically generated.	No.2:5 Streage 11.0.2 (3 dreads) TILE of NEGROUP TILE of NEGROUP FEED of NEGROUP FEED of NEGROUP EXERTICAL	
Institution Affiliation	RTMNU, Nagpur.		na n	

Abstract

The present invention relates to Multifunctional Nanomaterials composition and method thereof. The invention more particularly relates to Multifunctional Nanomaterials method of photothermally heating a solution and catalysing a reaction.



Patent Overview



AI enabled cyber secured stock market prediction system

Design number:	6332562	Invoice of Application	Cert	tificate of Grant
Application Type	Ordinary Application	Intellectual Property Office	Ce Intellectual Property Office Reg	ertificate of Registration for a UK Design wan number: 832582 art date: 10 Downlee: 2023 gastation date: 12 Downlee: 2023
Date of Grant:	19 December 2023	Paid Invoice	This	is is to certify that,
Registration date:	12 December 2023	India Banara Van H Bunna Van H	Dr. 1 Dr. 1	
Status	Granted	Invoice Date 1 Operative 2003 Idea Product Description Quarkity Diff Price (b) Val (b) Table Price (b) Table Price (b) <thtable price<="" th=""> <thtable price<="" th=""> Table Pri</thtable></thtable>	in re Al e	respect of the application of such design to:
Inventor(s)	Dr. Vibha Bhusari	VX2 Annum (Durd Bogn) (0.0) Tout instanting VX7 (0.0) Tout instanting VX7 (0.0) Pyymetr Method Card Typis have any sparse advoct for slores preses cardical for biological of the VX100 VX100 or advocatively event as a substraneouscub/Biglio priva.		Instance Darge Classification: 1993 - 1993 1993 - Handle Constant, Tele Communecation or data processing data (Constanting) - Constanting of the Constanting Market Son and Devices data (Julian S
Institution Affiliation	RTMNU, Nagpur.	Walkate Proper Siles as exerting one of her Yood Office we appendixe	Adda Com The The	Not Williams which depend of Particles, Designs and Trade Marts scheduler Provention (st. down to the important notes owneds). An extended of the "Revention" (st. down to the important notes owneds). Martin Param, Office and parameters of the Parameters which Param, Office and parameters of the Parameters which Parameters and the Parameters which Parameters and the Parameters of the Parameters which Parameters and the Parameters which Parameter

Design Patent The present design relates to the ornamental appearance of an AIenabled cyber-secured stock market prediction system, specifically the graphical user interface (GUI) displayed on a digital screen. The design includes a visually intuitive dashboard featuring multiple interactive modules such as live stock charts, predictive analytics graphs, AI-driven trend indicators, and real-time cybersecurity status notifications. The layout is structured for ease of navigation, with distinct visual elements highlighting market predictions, security alerts, and data analytics outputs. The combination of clean visual elements, dynamic data visualization, and colorcoded security indicators form a unique and aesthetically functional interface.







Patent Title	Impact of Auditors on Credit banks	and Loan Regulatory System	n in Mie	cro Creatt
A 11 /1 AT	000011000070	Invoice of Application	Cert	ificate of Publication
Application No.	202211030063			OEL
Application Type	Ordinary Application	TORM 9 THE PATENTS ACT. 1970 (3) of 1870) THE PATENTS PATCLES, 3065 REQUEST FOR FUELCATION [See section 11-62, mail: Add]	Office of the Controller Department of Industri Ministry of Commerce Government of India	General of Patents, Designs & Trade Marks In Patiety, & Promotion, Binduoty,
		1. Name, address and nationality of We <u>M1 Priyanka Aggarwal et al</u> hereby applicant(s) request for the early publication of	APPLICATION NUMBER	Application Details 202211030063
Date of Filing	25/05/2022	my/our [Patent Application No.] DATED UNDER SECTION (14.0) OF THE	APPLICATION TYPE	ORDINARY APPLICATION
Date of Filing	20/00/2022	ACT. under section 11A(2) of the Act.	DATE OF RUNG	25/05/2022
Date of Registration	03/06/2022	Bared thin May 25, 2022 2. To be signed by the spylicture or authorized regimered potent agent. Signature	APPLICANT NAME	1. Or Net Kanual André 2. Nagenda Pancel Koham 3. Or J F Broale 4. Dr Nota, S Bruari 5. Jo Parninde Singh 6. Homotop Singh 7. Pitt Bhou, Lamba 8. O SIMM 8. Somo Shu
Status	Published	3. Name of the natural person who has signed. Ms Priyanka Aggarwal et al		10. Suresh Kumar M V 11. Ankit Jain
				12 . Ms Priyanka Aggarwal
			TITLE OF INVENTION	IMPACT OF AUDITORS ON CREDIT AND LOAN REGULATORY SYSTEM IN MICRO CREDIT BANKS
Inventor(s)	Dr. Vibha Bhusari	To The Controller of Patents,	F MAIL (As Per Record)	a2softerh 2010/Bemail.com
		The Patent Office, Delhi	ADDITIONAL-EMAIL (As Per Recor	d) a2zschech.2010@gmail.com
			E-MAIL (UPDATED Online)	
Institution			PRIORITY DATE	
	RTMNU, Nagpur.	Signature invalid	REQUEST FOR EXAMINATION DAT	E -
Affiliation		Digitar Spin Notice Prings Astrony Data Show A. 15:59 Nazaor M. A. 15:59	PUBLICATION DATE (U/S 11A)	03/06/2022
		Laware of the		

Abstract:

This invention relates to a system and method for enhancing the credit and loan regulatory mechanisms in micro credit banks through the strategic involvement of auditors. The system integrates auditing protocols with credit disbursal and monitoring processes to ensure transparency, reduce default risks, and improve regulatory compliance. By embedding auditors into the operational framework, the invention facilitates real-time verification of borrower credentials, loan utilization tracking, and risk assessment. It leverages technology-driven audit trails and reporting standards to detect anomalies, prevent fraud, and enforce accountability among stakeholders. The invention significantly contributes to the reliability and sustainability of microcredit institutions, thereby strengthening financial inclusion in underserved communities.



Patent Title	Nanotechnology formulation of Microfludization Process	f Poorly Soluble Compounds through		
Application No.	202241010593	Invoice of Application	Certificate of Publicat	ion
Application Type	Ordinary Application	FORM 9	61722, 10:3 00 Million 4 Controlling Formation, Diffuse of the Controlling Annual Thilly & Annual Annual Marks Dispositiones of Inductived Million & Annual	
Date of Grant	28/02/2022	THE DATENT ACT, 1970 (39 of 1970) # THE PALTENTS RULES, 2003	(http://ipindia.nic.in/index.htm)	sininder.htm)
Date of Registration	03/06/2022	REQUEST FOR PUBLICATION	ApPLICATION NUMBER 20214101093 APPLICATION NUMBER 202140101093 APPLICATION NUMBER 202101093 APPLICATION NUMBER 2022022 APPLICATION DE Debted	
Status	Published	19te De, Skalik Harun Rasheed Mrx, Michail Radhi, Redoy, Dr. Pahhiman T. Kegena, Dir. Kuna, Magama, Dr. Tallari Sinis xaaran, Dr. Pathalayati Redo PrasaAlyra, Sweba Vegena, Dir. Osama Asanowsi Eshtosi Laman, Dr. Wando Bahiji Garunabe, Adabah Kunar Sanjay herdy Osama Asanowsi Eshtosi Laman, Dr. Wando Bahiji Garunabe, J. J. Sanjayati K. Jakabah Kunar Sanjay herdy	2. Mm. Munual Bathia Bady 3. Dr. Pabbidd Wan. Bahmi 4. Dr. Ana. Mingama 4. Dr. Ana. Mingama 6. Dr. Anal. Mingama 6. Dr. Anal. Mingama 6. Dr. Anal. Mingama 7. Mm. Seetaiv Vegesa 8. Dr. Osama Akanoui Bithela Limma	
Inventor(s)	Dr. Wasudeo Gurnule	begees for early provident of the section 11A(2) of the Act. Dated this final Payment Date:	9 - Or. Makades Bakij Currule 9 - Or. Makades Bakij Currule 10 - Makades Bakij 10 - Makades 10 -	unds through
Institution Affiliation	RTMNU, Nagpur.	To, The Controller of Patents, The Patent Office, At Chemnia This form is electronically generated.	ADDITIONAL-BMAIL (VA fir Record) E-Mail, ULPOSTED Galina PRODITY COME REQUEST FOR EXAMINATION DATE PUBLICATION DATE (US 114) 11/03/0822	

Abstract:

Compositions and techniques for preparing and administering an oral nanosuspension of a poorly soluble medication with increased bioavailability are disclosed. The compositions and methods are include: In the absence of surfactants the approach is optimized by the use of a microfluidilization process in conjunction with water soluble polymetric excipients.



Patent Title	Method for the Synthesis of M Cost Precursors	ixed Metal Nanoscale Composites Us	sing Low 🖳 😒
Application No.	202237452100	Invoice of Application	Certificate of Publication
Application Type	Ordinary Application	FORM9	Office of the Commission General of Nations, Designs & Trade Marks Department of Induced Induced Promotion: Market of Commerce & Induced Market of Commerce & Induced (http://ipindia.nic.in/index.htm)
Date of Grant	22 / 01/ 2022	THE PATENTS (ULES, 2003)	Application beals
Date of Registration	18/02/2022	REQUEST FOR PUBLICATION [Sec section 11A (2) rule 24A] [Sec section 11A (2) rule 24A] [Sec section 11A (2) rule 24A] [Sec section 11A (2) rule 24A]	APPLICATION TYPE CORENANT APPLICATION APPLICATINAME 2201/2022 APPLICATINAME 1. Dr. Vasaudes bialgi Gurnule 2. Dr. G. Kanthmathi 4. Dr. G. Kanthmathi 4. Dr. B. Kashmatri
Status	Published	We Dr. Wasto kandy Gamila Gamman MuDr. K. Jagideen, Dr. K. Gamerin Kang, S. K. Gamerin Kang, S. K. Gamerin Kang, S. K. Gamman, K. K. Gamerin Kang, S. K. Gamman, K. G. K. Gamman,	5 . Dr. Kvangast Swamakitha 6 . Dr. M V V Ramagiannynhu 7 . Dr. K Jagadeeth 8 . Dr. K Ganeter Kadysla 9 . Dr. Achol: Bhog 10 . Dr. Socia Sintwis
Inventor(s)	Dr. Wasudeo Gurnule	Differ units and the signature Name of the signature	TITLE OF INVENTION METHOD FOR HER WITH HERS OF INCUREORS RELD OF INVENTION MECHANICAL EXOREEINING E-NAUL (As Per Record) 03mmanol@gmal.com ADDITIONAL-ENAUL (As Per Record) 03mmanol@gmal.com
Institution Affiliation	RTMNU, Nagpur.	The Controller of Patens, The Patent Office, At Mumbui This form is electronically generated.	E-MAIL (UPDATED Online) PRICRITY DATE REQUEST FOR EXAMINATION DATE
			Application Status

ABSTRACT

Based on noble metals (Fe, Co, and Sn) and titanium, a straightforward sol-gel approach for the synthesis of bi-metal nanostructures has been developed. In this process, the synthesis of mixed metal nanoscale composites is accomplished via low-cost precursors that enable the synthesis of desirable nanocomposite materials with self-scarifying titanium or silica supports. Surfactants are not required, nor is there a need for a pH-controlled stage in operation. The in-situ synthesis of precursors and their simultaneous trapping in a gel are the key components of the applicants' technique. This easy one-pot synthesis enables the synthesis of specific nanostructures with homogeneous size, shape, and distribution due to the use of a single reaction vessel.



Patent Overview



Machanical Characterization Studies on Loam Sandy Soil Mixed Micro Silica for Structural Application

Application No.	2021105082	Invoice of Application	Certificate of Publication
Application Type	Ordinary Application	PITLECTION PROTOCOLOGY TO BOARD PROTOCOLOGY TO BOAR	
Date of Grant	22 September 2021,	Design Application Defails Application Number: 35625-001 Cer Number:	
Date of Registration	18/02/2022	211879 Cbr Date: 1001/5022 15 05 22	Under Process
Status	Published	Applicant Name: 1. Dr Vahnu Kina Manam I. Dr Arusa Kuman Nakkella J. Dr. Goswami-Giri Anta 4. Dr. Shevrin Masroor K. Dr. G. Goynthy II. Dr. Wasuede Salay Gurnule 7. Dr. Shigi Shirvastava A. Dr. F. Mahalashimi 8. V. Krishna Nalai 10. Dr. S. Despi Rani 11. Mr. Supatra Tapina 12. Ramoj Rao Jogi Design Application Status	
Inventor(s)	Dr. Wasudeo Gurnule	Application Status: Application Linder Process(waining for Technical Examination) Bios	
Institution Affiliation	RTMNU, Nagpur.	Became registrate ratios is activate to the application fast an under target 2004 with application to 2022/03. The strendard waters' Corpy Application Data's a charantally retrieved and a worst helps generates the strendard by this system is and with target parameters of any disease types and constraining application of the areas any applications to constrain the system of the strendard and applications and any application of the application of the areas any applications to constrained applications and any applications and the applications and the system of the system of the application of the applications of the a	





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Patent Title	Metal Complexes and Composition with N Properties of Binucler Gold(I) Phosphine A	lovel Synthesis, Characteri: Alkynyl Complexes	zation
Application No.	202241001883	Invoice of Application	Certifi
Application Type	Ordinary Application	FORM 9 FORM 9 THE INTERVICE, 1970 (1) of (1970) (2) of (1970)	ANTEL NOT AN Office of the Department Microsoft
Date of Grant	12/01/2022	DEE MATAN'S MARCHARD REQUEST FOR PUBLICATION (See writing 14), 0. 2006 244). See Science J. Madanaedinama, by Americka Sank Dir, A.	(http://ip
Date of Registration	04/02/2022	We be Kenara Saway Alab De, Skuller, La Mancelle F, Skylene M, Storger M, Sterner M	APPLICATION TYPE DATE OF FILMO APPLICANT NAME
Status	Published	Tr. Tr. Consider of Panels, The Panel Office, AL (Consider)	TITLE OF INVENTION
Inventor(s)	Dr. Wasudeo Gurnule	This form is electronically generated.	FIELD OF INVENTION E-MAIL (As Per Record ADDITIONAL-EMAIL () E-MAIL (UPDATED ON
Institution Affiliation	RTMNU, Nagpur.		PRIORITY DATE REQUEST FOR EXAMIN PUBLICATION DATE (U

ABSTRACT

A gold(I) complex containing a mixture of ligands has been developed as an anticancer agent. In this reaction, the gold(I) ion is coupled to a dithiocarbamate ligand and a phosphorus-containing ligand (e.g., phosphines). In addition, a pharmaceutical composition comprising the gold(I) complex, a technique of manufacturing the gold(I) complex, and a method for treating cancer are all detailed.



Patent Title	Heavy Metal Contamination Detecting G	loves	
Application No.	356425-001	А	pplication
Application Type	Ordinary	Applicate	POINT-1 to be independent of Designs. Receiver 2 and 44 You In.
Date of Publication		Vota are sequented to in space	Internet - RAA Technistik, Eyteral Di, Handonem Fee, Hall, Bere Gong, Asamadalaropuna, Asamandal, Menshaman Talak, Vilyapuna Damisa, Tamitadan astatu Anatara Produces Cultage of Inspirences, De DB Andordar Concession, Sali-Jackalam
Date of Registration	09/01/2022	Dr. Annus Kurner Nakkolfe Dr. Gaessani-Gais Aalta Dr. Sheetin Massae	Auder The Schwarz and Automatical Schwarz (Schwarz and Schwarz and Schwarz) Schwarz (Schwarz) Schwarz
Status	Under process (Design Patent)	Dr. G. Guyalloy Dr. Wasmbu Roligi Gornale Dr. Shilpi Shrivansen	(4) Considered dist. Professor Department of Chemistry, Kunika Nebra Mathologiche Skarger. 440024, Mahrmehre, India Professor & Heal of Department of Chemistry and Applied science. Kultinge University, Napra Parlow, Chemistry Int. Dir. P. Melaithahm, Anstran Professor Department of Dir. P. Melaithahm, Anstran Professor Department of Professor Department of Professor Department of Professor Department of Professor Department of Professor Department of Prof
Inventor(s)	Dr. Wasudeo Gurnule	Dr. P. Mahatakshmi V. Krishma Naik Dr. S. Denya Rani	Bloosenroog, Gao van Ceneral 4 V. Krithm Naik, Research Schuler, Acharyn Nagarju Usdeordig, Cantar, A. 522310 Auslant, pročestor, PO & Rosearch Department of Zeology, Ehinig collage for women, Chemal.
Institution Affiliation	RTMNU, Nagpur.	Suparba Tapan Rangji Rao Jogi	Assituat Professor, B.C., Ostapo Technolog, & Managaretti Research Scholar, Department Of Environmenta Sciences, Andhra University

Certificate of Publication

NUMBER ADDRESS	GOVERNMENT OF NEW	Linemathan Ganasad at Datasets, Daviagen Dispatement at well-strad Policy Ministry of Canasan	et Tratesala en Transfan rei et Scherry
Design Application Details			
Application Number: 195625-001 Car Number: 219373 Car Doax: 10010022 (505 52) Applicant Name: 1, Dr Velsen Kiran Manam * 1, Dr Kiro G Austring * 5, Dr Wassid	r Avura Kuman Nakkella S. Dr. C 40 Sala Gumula - 7. Dr. Shifa I	sourpi-Galata 4.0: Deem mustaa 1.0: A Umbakhu	Marrier Marrier
s. V. Krishna Naik 10. Dr. S. De Design Application Status	epa Rani 🛛 11. Wr. Suparba Tapra	12. Ramoji Rao Jogi	
Application Status: Application Under Piccessivaling for	Technical Examination)		
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Patent Overview



Cultivating FunMctional Crop Nano Organic Composition and method therof

Application No.	202241001185	Invoice of Application	Certificat	e of Publication
Application Type	Ordinary Application	онности и из FORM 9 ТНЕ ВИБУЛ АСТ, 1970 (Ум) (УКО) жили ПИТКТ (К.Ц.В.7. 2005)	Differ of the Controller Get Beautimet of Industries and Matery of Constructor & In Generatives of Indus (http://ipindia.n	Automate Property very market & Property & Trade Market generative derive ici.in/index.htm)
Date of Grant	10/01/2022	REQUEST FOR PUBLICATION		Application Details
Date of Registration	04/02/2022	ISse section 11A (2) role 2443) We Dr. J. Madhusudhanan, A. Shahman, Y. Xiji, A. Jan Kamari, Mis S.S. Koreethi, Y. Yanyaka K.S. M. Santoh S. Nandi, Dr. Wanado Haliki (Granda) Dr. Smath Batterkarya, Dic K. Srentah, Dir Magniti Saha Jordy request for early publication of my your Phasm Application No. [TSI/PRE- 11332072]. 2012 00:09400 under section 11A(2) of the Ast. Dated flow(Fruid Promet Date) Sciencem	APPLICATION NUMBER	202241001105 Community APRICETOR 1001/0022 1.001/Additubushment 3.007.004 3.007.004 3.007.004 4.045.55.Kennt 5.07.Vitoyaka K.S. 6.04.Sastes5.Sendt
Status	Published	Name of the signatory The second Parents	TITLE OF INVENTION	7. Dr. Wasudeo Islaid cumue 8. Dr Sumarki Bhatachivya 9. Dr.K.Sceelaha 10. Dr. Muumika Saha Cubyuang functional access using nano organic composition and cubyuang functional access using nano organic composition and evolution formed.
Inventor(s)	Dr. Wasudeo Gurnule	The Control of a second The Pear Office, <u>at Chennis</u> This form is electronically generated.	RELD OF INVENTION E-MAIL (IA Per Record) ADDITIONAL-EMAIL (IAs Per Record) E-MAIL (UPDATED Online) PRIORITY DATE	Mattao waka ku
Institution Affiliation	RTMNU, Nagpur.		REQUEST FOR EXAMINATION DATE PUBLICATION DATE (U/5 11A)	64/02/2022 Application Status

ABSTRACT

In the present invention, a method for cultivating functional crops using nano organic germanium and nano organic selenium is disclosed, in which nano-sized organic germanium and nano-sized organic selenium, which are prepared in nanoscale sizes by performing one or more selected from a method for applying physical energy (heat or pressure) to organic germanium and organic selenium, a method for applying explosive electrical energy to organic germanium and organic selenium, and a chemical bonding process, are irrigated.





Patent Title Impact of Open Access E-Resources in digital Education System **Invoice of Application Certificate of Grant Application No.** 2021105082 **Application Type** Ordinary Application Intellectual CERTIFICATE OF GRANT **INNOVATION PATENT** Patent number: 20211050 Cardiff Road Newport South Wales NP10.800 **Date of Grant** 22 September 2021, AT No : GB 888 8255 50 Duration Eight years from 7 August 2021 Status Granted 0.00 Inventor(s) Dr. Vibha Bhusari 50.00 Institution RTMNU, Nagpur. Affiliation

ABSTRACT

Open Access E-Resources' Impact on the Digital Education System is a new invention. The impact of open access e-resources in the digital education system may be greater. The digital education system has developed tremendously over the last ten years. The newly developed E-resources serve a critical role in advancing higher digital education and achieving all instructional goals. The creation also produces certain tensions between students, teachers, and lecturers. With the world rapidly shifting into digital media and data, the role of e-resources in higher Digital education is becoming more and more important, and its importance will continue to grow and develop in the twenty-first century. Associate in Nursing e-thesis, also known as an electronic invention, is a digital type that is often accessed through the internet. It's a researcher's intellectual labour or analysis. It provides a technologically advanced medium for conveying ideas that is more cost-effective, has a small footprint, is simple to handle, and has a long lifespan.



Patent Title	Green Biocatalytic Synthesis of Biomedical Application.	Nanoscale Material for Sensoristic a	nd	
Application No.	202241001883	Invoice of Application	Certificate of Publication	
Application Type	Ordinary Application	FORM 9	 Indepression/Familien Familien/Fam Familien/	
Date of Grant	12/01/2022	THE PATENT ACT, 1970 (39 d (1970) & THE PATENTS RULES, 303	Cities of the Control of Control of Names, Deligne & Trade Mandel Andre	L IDIA
Date of Registration	04/02/2022	REQUEST FOR PUBLICATION (See section 11A (2) role 244) (See section 11A (2) role 244)	Apticationals	100
Status	Published	I We Dr. Wandon Balagi Garando, Dr. G. Kunthinathille, B. Kayilana, M. Kaghaya, Dr. Asaba, Banya, B. Sangara, S. Kangaya, K. Kangaya, K. Kaghaya, K. K	APPLGROKINE DREOF RUNG APPLCROT APPLCROTINE	
Inventor(s)	Dr. Wasudeo Gurnule	Dated 22.04.2022 Westered inter section integration Dated this Final Payment Lower Name of the signatory	1. D.C. nil farm 2. Dr. Chada Saltar Egyent 3. Dr. Vikholmuthran 4. Dr. Navades bild Gamile	
Institution Affiliation	RTMNU, Nagpur.	The Controller of Parents, The Parent Office, At Mumbai This form is electronically generated.	3. UK. Di Pratana 6. Dr P) (oht funnai 7. Dic Hangpal Mundidrana 8. Dr Jamata Batasharpa 9. Dic Kumata Satany jela 10. Dic. Kumata Satany jela	
			TITLE OF INVENTION GREEK BIOCATALITIC SINTHESIS OF NANCSCALE MATERIALS FOR SENSORISTIC AND	

ABSTRACT

Green chemistry synthesis method and composition of metal nanopartical are the subject of current invention. For example, Metal nanoparticle are generated using plant extract solutions and their use in eliminating toxins from soil, groundwater and other polluted locations is the focus of this innovations. Method of manufacturing and employing metal nanoparticle composition based on green chemistry techniques in various embodiments of the inventions.





Patent Title	Air Purification system for Cyclist
Application No.	
Application Type	
Date of Grant	
Date of Registration	
Status	
Inventor(s)	Dr. Wasudeo Gurnule
Institution Affiliation	RTMNU, Nagpur.

Invoice of Application

Certificate of Grant

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