



Intellectual Property Right Cell

Pt. Ravishankar Shukla University

Raipur- 4920 10 (C.G.) INDIA, 916261791242, 919826197413

email- iprcellprsu@gmail.com, Website: www.prsu.ac.in

LISTS OF PATENTS

S. No.	Name of the Applicant/ Patentee	Title of the patent	Patent Number	Date Filled	Date Published	Date Granted
1	Dr. Laxmi Kant		400080-001			25/03/2024
2	Swarnlata Saraf, Sarita Gaikwad	A proniosome formulation and process of obtaining thereof	Indian Patent, no Application 202421063953	23/8/2024	06/09/2024	
3	Swarnlata Saraf, Shailendra Saraf, Sanjana Yadav, Arushi Saloki, Taranjeet Kukreja, Sarita Gaikwad, Chanchal Badhai, Bhupendra	Composition of Microsized Emulsions Containing Atenolol and Method of Preparation Thereof.	Indian Patent, no Application 202321012865A	25/02/23	30/08/2024	
4	Swarnlata Saraf, Preeti	Method for Preparing Nanoemulsion incorporating quercetin and Curcumin	Indian Patent, no Application 202421018035	13/03/2024	05/04/2024	
5	Swarnlata Saraf, Arushi Saloki	Method for the preparation of mannose-modified curcumin-loaded liposome	Indian Patent, no Application 202421037407 A	13/05/2024	14/6/2024	
6	Swarnlata Saraf, Taranjeet Kukreja	Formulation and Evaluation of Curcumin And Salicylic acid loaded nanostructured lipid carrier gel for Atopic Dermatitis	Indian Patent, no Application 202421048407 A	24/06/2024	19/07/2024	
7	Deependra Singh, Manju Singh, Pranay Wal, Akash Ved	Issue on Autoclave for extraction of volatile oil.	387004-001		23/05/23	
8	Dr. Amber Vyas		388224-001		30/08/23	
9	Dr. Kavita Thakur	Innovative Smart Helmet for prevention of accidental hazards		Applied to CCOST		
10	Deependra Singh, Vandana Garg, Preeti Garg, Jyoti, Kiran, Mahima Chauhan	Antianxiety was demonstrated by quercetin from the stem of acacia catechu wild	India Patent no. 202311062503		12/01/2024	
11	Deependra Singh, Vandana Garg,	Rutin from the stem of Jasminum	India Patent no. 202311062377		12/01/2024	

	Preeti Garg, Jyoti, Kiran, Mahima Chauhan	mesnylhance showed antidepressant activity				
12	Ashwin Kumar Sethi Barun Kumar Meenakshi Jaiswal Kiran Dayaram Patil Satyabrata Jena R. Raja Sudharsan Sumanta Bhattacharya Ajay Singh Sarthi Ishwari Choudhary Swarnlata Saraf Shailendra Saraf Preeti K. Suresh	Implementation of Advanced Thermostics for the Central Nervous System and Neurological Disorders Using Functional Inorganic Nanomaterials	202231075449A		13/01/2023	
13	Dr. Preeti K. Suresh, Sweta Ramkar	Novel Topical Hydrogel Matrix Formulation for Stimulation of Hair growth and Prevention of Hair loss	202321000192		27/01/2023	
14	Dr. Deependra Singh, Dr. Manju Singh	Autoclave for extraction of volatile oil	387004-001		24/05/2023	
15	Dr. Laxmi Kant	Smart Portable Water Tank Filling System	135109		2023	
16	Sanjay Kumar	An Unmanned Aerial Vehicle for Surveillance	401497		2022	
17	Ajay S. Sarthi Ishwari Choudhary Anjali Patel Shailendra Saraf Swarnlata Saraf Preeti K. Suresh Rohitash Singh J.P. Jose Merlin Sheeja S. Rajan, Mamata Swain A. Sasi Kumar Vishnu Kiran Manam	Artificial Intelligence based technique for achieving targeted and therapeutic delivery drug molecules for sickle celled anaemia	Indian Patent Application. Application No. 202221060825A		11/11/2022	
18	Dr. Preeti K. Suresh, Shweta Ramkar	Novel topical finasteride formulation for stimulation of hair growth and prevention of hair loss	20221068172A		11/11/2022	
19	Mandal, Sunandan, Durg, Chhattisgarh, IN, Sharma, Ashutosh, Suwon, Gyeonggi-do, KR,	A downlink NOMA system with interference suppression in a Cognitive radio	H04W 72/04		2022	

	Sharma, Shruti, Suwon, Gyeonggi-do, KR, Sinha, Ganesh Ram, Risali Bhilai, Chhattisgarh, IN, Thakur, Kavita, Dr., Raipur, Chhattisgarh, IN, Vyas, Prafulla, Raipur, Chhattisgarh, IN	network to improve spectral efficiency				
20	Sahu S, Tiwari S.	SB-DOPED BASNO3 AS NOVEL ELECTRON TRANSPORT LAYER FOR EFFICIENT LOW-COST DYE-SENSITIZED SOLAR CELLS.	202221001677		2022	
21	Sahu S, Tiwari S.	Coupled optical and electrical simulation of efficient MAPbI3-x Clx perovskite/silicon-based tandem solar cells.	L-116642/2022		2022	
22	Dr. Vishal Jain	Bilayer pharmaceutical tablet comprising sulfasalazine and preparation thereof	398487		06/03/2022	
23	Dr. Deependra Singh	A method of preparing a scaffold with the composition consisting of arginine nanoparticles and natural triterpenoid-lupeol	390798		28/02/2022	
24	Prof. Nameeta Brahme	A Process for Synthesis of Mg ₂₁ Ca ₄ Na ₄ (PO ₄) ₁₈ : Dy ³⁺ , Tb ³⁺ , Eu ³⁺ triple doped glasses for WLED and solar Cell efficiency enhancement.	16/2022	22/4/2022		
25	Manju Rawat Singh, Deependra Singh, S Keshavkant & Shikha Shrivastava	Enzyme loaded navigated nanomatrix systems to the inflamed synovial locus for the treatment of rheumatoid arthritis	2021106679			
26	Manju Rawat Singh, Deependra Singh, S Keshavkant, Madhulika Pradhan & Krishna Yadav	A method of preparation of Triamcinolone Acetonide encapsulated nanostructured lipid carriers for psoriasis treatment	2021106678			
27	Dr. Sanjay Kumar	Blockchain for 5G-Enabled IoT for	2021100728			07/04/2021

		Industrial Automation				
28	Dr. Sanjay Kumar	Unmanned aerial vehicle for surveillance	401497			18/07/2022
29	Sharma, Shruti; Thakur, Kavita; Sharma, Alok	A DNN Based Method to Approximate Resource Allocation in a Cell-Free Massive MIMO Network	2021105950			
30	Sharma, Shruti; Thakur, Kavita; Sinha, Ganesh R.	Method and System for Clock Synchronization in IoT Networks using Bayesian Estimation	2021105878			
31	Dr. Sanjay Kumar	3D printing based design and development of touchless sensoreenabled hand and room sanitiser machine	Application No. 202021056208		22/01/2021	
32	Prof. Reeta Venugopal, Aniksha Varoda, Rashmi Singh, Arun Kumar, Prof. Vasu Verma	A high Protein Nutritional Composition and Method of Preparing the same	Application no. 202121025775 A		Publication Date 09/07/2021	
33	Dr. Deependra Singh, Dr. Manju Singh	A method of preparing a scaffold with the composition consisting of arginine nanoparticles and natural triterpenoid-lupeol	390798			23/06/2020
34	Dr. Vishal Jain	NOVEL PHARMACEUTICAL COMPOSITION COMPRISING NANOSPONGES OF BUDESONIDE OR SALT THEREOF	Application No. 202021024875		10/07/2020	
35	Dr. Deependra Singh, Dr. Manju Singh	Digital medical tray	333803-001			30/09/2020
36	Dr. Sanjay Kumar	Program for calculating carbon dioxide emission from an organization	390798		06/10/2020	
37	Dr. Priyamwada Srivastava & Dr. Gaukarn Janghel	Stress Coping Scale	16-5395-KT		2919	
38	Dr. Priyamwada Srivastava & Dr. Gaukarn Janghel	Affect Scale	16-5314-KT		2018	
39	Dr. Priyamwada Srivastava & Dr. Deepak Pandey	Social Support Scale manual	16-5308-M		2018	

40	<p>Dr. Rohit Raja, Professor, Department of CSE Sreyas Institute Of Engineering & Technology, Beside Indu Aranya, GSI, Bandlaguda, Nagole, Hyderabad, Telangana, 500068; Dr. Raj Kumar Patra, Professor, Department of CSE, CMR Technical Campus, Kandlakoya(v) Medchal Road, Hyderabad, India; Dr Md Rashid Mahmood, Professor, ECE Department Guru Nanak Institutions Technical Campus, Hyderabad; Dr G R Sinha, Professor of ECE Department Street 2E, Pragati Nagar (East) Risali Bhilai-490006 Chhattisgarh; Dr Kavita Thakur, Professor School of Electronic and Photonics, Pt Ravishanker Shukla University Raipur Chhattisgarh; Dr. Sandeep Kumar, Professor, ECE Department Sreyas Institute Of Engineering & Technology, Beside Indu Aranya, GSI, Bandlaguda, Nagole, Hyderabad, Telangana, 500068 and Sonu Agrawal, Associate Professor Department of Computer Science & Engineering Shri Shankaracharya Technical Campus Junwani, Bhilai, District-Durg, Chattisgrah</p>	Methods and systems for rendering road information from first vehicle to a second vehicle	Ref. No.: 201841044218 Application no.: TEMP/E- 1/48170/2018-CHE		PUBLICATIO N DATE (U/S 11A) 07/12/2018	
----	---	---	--	--	---	--

Offline patents published

S. No.	Name of the Applicant/ Patentee	Title of the patent	Patent File Number	Date Published
1	Swarnlata Saraf, Shailendra Saraf	Method and process of preparation of natural hair oil using herbs	2259/MUM/2013	04/07/2013
2	Swarnlata Saraf, Shailendra Saraf, Anshita Gupta, Chanchal deep Kaur	Novel topical formulation combating the redox triggered skin enzymes	1123/MUM/2013	25/03/2013
3	Swarnlata Saraf, Shailendra Saraf, Anshita Gupta, Chanchal deep Kaur	Polymeric nanovesicular system containing apigenein for etiotropic application in skin carcinoma	4066/MUM/2013	26/12/2013
4	Swarnlata Saraf, Shailendra Saraf, Anshita Gupta	Method and composition of Nanosystem mediated bioactive targeting dermal components for UV protection	1557/MUM/2013	29/04/2013
5	Swarnlata Saraf, Shailendra Saraf, Amit Alexander, Md.Ajazuddin	Sympathetic role of herbal bioactives as bioavailabilty enhancer in parentral delivery of antineoplastic alkylating agents through thermoresponsive poloxamer- based in situ sol gel delivery system	1472/MUM/2013	22/04/2013
6	Swarnlata Saraf, Shailendra Saraf, Md. Junaid Khan	A process of preparing phyto-phospholipid complex containing flavanoids for better anti- inflammatory and anti-arthritis potential and pharmaceutical product thereof	1556/MUM/2013	29/04/2013
7	Swarnlata Saraf, Shailendra Saraf, Chanchal deep Kaur	Green tea extract loaded ethosomal creams for photochemoprevention of skin	2826 /MUM/2010	12/10/2010
8	Swarnlata Saraf, Shailendra Saraf	Antiaging herbal cosmetic composition and its process	560/MUM/2007	26/03/2007
9	Swarnlata Saraf, Shailendra Saraf	New Procedure for the Estimation of Atenolol and Hydrochlorothiazide by UV, HPLC and HPTLC in Combined Dosage Forms	559/MUM/2007	26/03/07
10	Swarnlata Saraf, Shailendra Saraf	Fingerprinting of process and product for Ayurvedic formulation Vasakavelha	558/MUM/2007	26/03/2007
11	Swarnlata Saraf, Shailendra Saraf	Long circulating, biodegradable polymeric delivery System for controlled delivery of Glipizide	557/MUM/2007	26/03/2007



Prof. L.S. Gajpal
Member secretary, IPR cell
Pt. R.S.U. Raipur



Prof. Swarnalata Saraf
Chairperson, IPR Cell
Pt. R.S.U. Raipur