

## List of Patents

S. NO	Title of Patent	Patent/Applicati on No.	Name of Inventors	Department	Details of different stages	Current Status	Applicant name
1.	Thiazolidine-2, 4diones and process thereof	245830	1. Dr. M.J Nanjan 2. Dr. B.R. Prasantha Kumar 3. Dr. Bhojraj Suresh	TIFAC CORE HD	Filed: 10.04.2006 Published: 21.09.2007 Granted: 03.02.2011	Awarded	TIFAC CORE IN HERBAL DRUGS
2.	Process for isolation of bergenin from <i>Caesalpinia digyna Rottler</i>	286441	1. Dr.M.J Nanjan, 2. Dr. R. Srinivasan, 3. Dr. MJN Chandrasekar	TIFAC CORE HD	Filed: 06.04.2006 Published: 07.12.2007 Granted: 18.08.2017	Awarded	TIFAC CORE IN HERBAL DRUGS
3.	Novel Glitazones Incorporated With Tyrosine: Synthesis And Antidiabetic Activity	284768	1. Dr.M.J Nanjan, 2. Dr. BR. Prashantha kumar	TIFAC CORE HD	Filed: 26.07.2011 Published: 30.09.2011 Granted: 29.06.2017	Awarded	TIFAC CORE IN HERBAL DRUGS
4.	Method of Processing Nanoemulsion gel comprising terbinafine or its salt form for Mycotic Infections	Pat No: 332264 App No: 1186/CHE/ 2013	1. Dr. Karri V V S Narayana Reddy 2. Dr. R. SureshKumar 3. Dr. Rajkumar Malayandi 4. Dr. Gowthamarajan Kuppusamy	Pharmaceutics	Filed: 20.03.2013 Published: 21.08.2015 Granted: 18.02.2020	Awarded	J.S.S College of Pharmacy

5.	Isolation of Sulpha Quinovosyl Diacyl Glycerol (SI) (A Human Topopoisn I), Using Flash Chromatography	Pat No. 352435 201741010426	1. Dr. S.P. Dhanabal 2. Dr. S Jubie 3. Mr. M.V.N.L.Chaitanya	Pharmacognsoy	Filed: 24.03.2017 Published: 28.09.2018 Granted: 27.11.2020	Awarded	M/S JSS COLLEGE OF PHARMACY (Jagadguru Sri Shivarathreeswara University, Mysore)
6.	Naturally Derived water soluble fraction of Fenugreek mucilage and its uses thereof in the Preparation nanoparticles	Pat No: 353946 4445/CHE/2012	1. Dr. Deepa Patahk 2. Dr. K.Gowthamarajan 3. Dr. Ankur Gupta 4. Dr. Bhagyasree Kamble Dr. Elango Kannan	Pharmaceutics	Filed: 25.10.2012 Published: 22.04.2016 Granted: 17.12.2020	Awarded	J.S.S. COLLEGE OF PHARMACY, UDHAGAMANDALAM
7.	5-heptadeca-5, 8, 11-trienyl 1, 3,4-oxadiazole-2thiol (gla-1) a human topo-poison and synthesis thereof	Pat No. 365340 201741010450	1. Dr. S.P. Dhanabal 2. Dr. S Jubie 3. Mr. M.V.N.L.Chaitanya	M/S JSS College of Pharmacy	Filed: 24.03.2017 Published: 28.09.2018 Granted: 26.04.2021	Awarded	JSS College of Pharmacy, Ooty - JSS Academy of Higher Education & Research, Mysuru.
8.	Novel Glitazones as Ppar- $\alpha$ And Ppar- $\gamma$ Agonists And $\alpha$ -Glucosidase Inhibitors	Pat No. 382881 2266/CHE/2012	1. Dr.M.J Nanjan, 2. Dr. T.K Praveen, 3. Dr. MJN Chandrasekar	TIFAC CORE HD	Filed: 06.06.2012 Published: 08.04.2016 Granted: 03.12.2021	Awarded	TIFAC CORE IN HERBAL DRUGS
9.	Surface Modified Benzyl quinolone carboxylic acid-Stearylamine Conjugates for management of Alzheimer's disease	Pat. No: 388590 201941025298	1. Dr. T. K Praveen 2. Chintamaneni Pavan Kumar 3. Pindiprolu Satya Sesha Sai Kiran	Pharmacology	Filed: 26.06.2019 Published: 02.08.2019 Granted: 7.2.2022	Awarded	JSS College of Pharmacy, Ooty - JSS Academy of Higher Education & Research, Mysuru
10.	2-oxo-2H-chromen-4-yl 1H-	Pat. No : 393780 202141025674	1. JUBIE, Selvaraj, 2. JAWAHAR, Natarajan,	Pharmaceutical Chemistry	Filed: 9.6.2021 Published:	Awarded	JSS College of Pharmacy, Ooty - JSS

	benzo[d]imidazole-2(3H)-ylidene sulfamate and its functionalized carbon nanotubes thereof for treatment of breast cancer		3. GOWTHAMARAJAN, Kuppusamy, 4. DHANABAL, Palanisamy.		20.08.21 Granted: 31.03.2022		Academy of Higher Education & Research, Mysuru
11.	Encapsulated drug admixture composition for brain targeting via intranasal route.	201741025232	1. Dr. K.Gowthamarajan 2. Mr. Kousalya S	Pharmaceutics	Filed: 17.07.2017 Published: 18.01.2019 Granted:	Application is amended stage	JSS College of Pharmacy, Ooty - JSS Academy of Higher Education & Research, Mysuru
12.	Solid Lipid Nanocarriers of Surface Modified Niclosamide for targeting of Sialic Acid Receptors	201941031322	1. Dr. Praveen T K	Pharmacology	Filed: 20.08.2019 Published: 5.2.2021 Granted:	Published	JSS College of Pharmacy, Ooty - JSS Academy of Higher Education & Research, Mysuru
13.	A sustained release matrix tablets for treating herpes simplex and a process for formulating the same	201941044342	1. Dr.D.Nagasamy Venkatesh	Pharmaceutics	Filed: 01.11.2019 Published: 7.5.2021 Granted:	Published	JSS College of Pharmacy, Ooty - JSS Academy of Higher Education & Research, Mysuru
14.	Mono Esterification Process for the synthesis of carboxymethyl Ch9itosan hybrid with WZB117	202041008119	1.Dr. Gowthamarajan K 2.Dr. Jubie S 3.Dr. Anindita De	Pharmaceutics	Filed: 26.02.2020 Published: 30.10.2020 Granted:	Published	JSS College of Pharmacy, Ooty - JSS Academy of Higher Education & Research, Mysuru
15.	Tissue engineered acellular scaffold	202041027368	1. Dr. Karri V V S Narayana Reddy	Pharmaceutics	Filed: 27.06.2020	Published	JSS College of Pharmacy, Ooty -

	for the treatment of diabetic wounds		2. Mr. Bharat Kumar Reddy Sanapalli 3. Ms. Rishita Tyagi 4. Dr. Gowthamarajan Kuppusamy 5. Dr. Praveen Thaggikuppe Krishnamurthy 6. Dr. Ashish Devidas Wadhvani		Published: 30.10.2020 Granted:		JSS Academy of Higher Education & Research, Mysuru
16.	Nanocarrier based Improved Blood Brain Barrier Penetration and Combinatorial Delivery of Anti-Retro Viral Drugs	202041032882	1. Dr. Senthil Venkatachalam; 2. Dr. Nila Mary Varghese; 3. Dr. Jawahar Natarajan	Pharmaceutics	Filed: 31.07.2020 Published: 13.05.2022 Granted:	Filed (NYP)	JSS Academy of Higher Education and Research
17.	Bidirectional release of customizable fused multifractional oral release system	202041052620	1. Dr.K.Gowthamarajan 2. Mr. Arun R 3. Aravindhanathan Venkatesan	Pharmaceutics	Filed: 03.12.2020 Published: 11.12.2020 Granted:	Published	JSS College of Pharmacy, Ooty - JSS Academy of Higher Education & Research, Mysuru
18.	Kabasura Kudineer Effervescent Tablets	202041053673	1.MOHANKUMAR, 2.Suresh Kumar 3.Karri V V S Narayana Reddy 4.Dhanabal Palanisamy 5.Bharat Kumar Reddy Sanepalli	Pharmacognosy	Filed: 10.12.2020 Published: 10.12.2021 Granted:	Published	JSS College of Pharmacy, Ooty - JSS Academy of Higher Education & Research, Mysuru
19.	Donepezil Loaded Lipid Coated Nanoceria for Effective Management of Alzheimer Disease	202041055661	1. Jawahar Natarajan 2. Venkatachalam Senthil 3. Jubie Selvaraj 4. Dhanabal Palanisamy	Pharmaceutics	Filed: 10.12.2020 Published: 5.11.2021 Granted:	Published	JSS College of Pharmacy, Ooty - JSS Academy of Higher Education & Research, Mysuru
20.	INDOLE TRIAZOLE CONJUGATES AS	202141003113	1. Afzal Azam 2. Vidyasrilekha 3. Bharat Kumar Reddy S	Pharm. Chemistry	Filed: 25.02.2021	Filed	JSS College of Pharmacy, Ooty - JSS Academy of Higher

	ANTIBACTERIAL AGENTS		4. Ashish D Wadhvani		Published: 22.07.2022 Granted:		Education & Research, Mysuru
21.	A composition of Papain enzyme for nutraceutical/ therapeutic purpose & a process for formulating the same	202141024278	1. Chandan C 2. Jeyaprakash Mari Raju 3. Jawahar Natarajan 4. Phani Kumar Garlapati 5. Sushma B V	Pharmaceutical Analysis	Filed: 31.5.2021 Published: 12.11.2021 Granted:	Filed	JSS College of Pharmacy, Ooty - JSS Academy of Higher Education & Research, Mysuru
22.	Process for bioassay guided fractionation of M Olefera L leaves to isolate Niazirin	202141029028	1. Krishnamurthy Praveen 2. Thaggikuppe, Vengal Rao 3. Pachava, 4. SP Dhanabal	Pharmacology	Filed: 29.06.2021 Published: Granted:	Filed	JSS College of Pharmacy, Ooty - JSS Academy of Higher Education & Research, Mysuru
23.	1,3,4-Thiadiazolo (3,2-A) Pyrimidine-6-Carbonitrile compounds as PARP1 Inhibitors	202141032777	1. BYRAN, Gowramma 2. LAKSHMANAN,Kaviarasan 3. ELDHOSE, Elizabeth 4. RAJAGOPAL, Kalirajan 5. KRISHNAMURTHY,Praveen 6. Thaggikuppe 7. SUBRAMANIAN,Gomathy	Pharmaceutical Chemistry	Filed: 21.07.2021 Published: Granted:	Filed	JSS College of Pharmacy, Ooty - JSS Academy of Higher Education & Research, Mysuru
24.	2-(1-substituted-1H-benzo[d]imidazol-2-yl)-N acetamide compounds having dual inhibitory activity	202141042924	1.Byran, Gowramma 2. Lakshmanan,Kaviarasan 3. Rajagopal, Kalirajan 4. Krishnamurthy,Praveen 5. Subramania Nainar, Meyyanathan 6. Niraikulam, Ayyadurai	Pharmaceutical Chemistry	Filed: 22.09.2021 Published: Granted:	Filed	JSS College of Pharmacy, Ooty - JSS Academy of Higher Education & Research, Mysuru
25.	A process for fabrication of transdermal microneedle patch for controlled release of insulin	202141033940	Baishali A Jana Riyaz Ali Osmani Sanket Jaiswal Rinti Banerjee Veera Venkata Satyanarayana Reddy Karri	Pharmaceutics	Filed: 28.07.2021 Published: 25.02.2022 Granted:	Filed	JSS College of Pharmacy, Ooty - JSS Academy of Higher Education & Research, Mysuru

			Ashish Devidas Wadhvani				
26.	Methodology for the synthesis and neuroprotective activity of two glitazones to treat neurodegeneration	202141039298	A Justin, S.P. Dhanabal, Ashwini Prem Kumar, B. R.Prashanth Kumar Subhankar P Mandal	Pharmacology	Filed: 31.08.2021 Published: 20.05.2022 Granted:	Filed	JSS College of Pharmacy, Ooty - JSS Academy of Higher Education & Research, Mysuru
27.	Surface modified methotrexate loaded solid lipid nanoparticles to overcome abc1 polymorphism	202141054086	GOWTHAMARAJAN, Kuppusamy RADHAKRISHNAN, Arun	Pharmaceutics	Filed: 24.11.2021 Published: 10.12.2021 Granted:	Filed	JSS College of Pharmacy, Ooty - JSS Academy of Higher Education & Research, Mysuru
28.	Method for quantification of degradation products formed during forced degradation studies for raltegravir	202141060827	Sonam patel, Krishnaveni Nagappan, Jeyaprakash Mariraju, Jubie Selvaraj	Pharmaceutical Analysis	Filed: 27.12.2021 Published: 07.01.2022 Granted:	Filed	JSS College of Pharmacy, Ooty - JSS Academy of Higher Education & Research, Mysuru
29.	Ibrutinib loaded onto multiwalled carbon nanotubes and conjugated with T30 oligonucleotide	202141040144	Raja Murugesan	Pharmaceutics	Filed: 04.09.2021 Published: 15.07.2022 Granted:	Published	JSS College of Pharmacy, Ooty - JSS Academy of Higher Education & Research, Mysuru
30.	3-(5-benzyl-1, 3, 4-oxadiazol-2-yl)-2-substituted phenyl thiazolidin-4-one, as sirt-3 activators, and process for preparation thereof	202241003547	SUBRAMANIAN, Gomathy SELVARAJ, Jubie KRISHNAMURTHY, Praveen Thaggikuppe BYRAN, Gowramma	Pharm. Chemistry	Filed: 21.01.2022 Published: Granted:	Filed	JSS College of Pharmacy, Ooty - JSS Academy of Higher Education & Research, Mysuru
31.	Human Beta Defensin-2	202241013079	Bharat Kumar Reddy Sanapalli	Pharmaceutics	Filed: 10.03.2022	Published	JSS College of Pharmacy, Ooty - JSS

	Nanoparticles Impregnated Acellular Scaffold for Diabetic Wound Healing		Veera Venkata Satyanarayana Reddy Karri Vidyasrilekha Yele Mantosh Kumar Singh Gowthamarajan Kuppusamy		Published: 25.03.2022 Granted:		Academy of Higher Education & Research, Mysuru
32.	(2-((E)-7-hydroxy-4-methyl-2H-chromen-2-ylidene)-N-((E)-2-nitro benzylidene)hydrazine-1-carbothioamide), BRCA-1 mimetic useful for breast cancer treatment.	202241013361	SELVARAJ, Jubie, POTTABATHULA, Shyam Sundar, SWAROOP, Akey Krishna, DHANABAL, Palanisamy	Pharm. Chemistry	Filed: 11.03.2022 Published: 18.03.2022 Granted:	Filed	JSS College of Pharmacy, Ooty - JSS Academy of Higher Education & Research, Mysuru
33.	Biodegradable phytoaborsbent article for sanitary and a method thereof	202241014943	Deepika NP Bharath Kumar S Suresh Mohanakumar Doraiswamy B	Pharmacognosy	Filed: 17.03.2022 Published: 25.03.2022 Granted:	Published	JSS College of Pharmacy, Ooty (Affiliated to JSS Academy of Higher Education and Research)
34.	Synthesis And Ppargamma Competitive Binding Analysis of Four Novel Glitazones Incorporated With Imidazole And Phenyl Glycine	202241018870	Justin Antony, S P Dhanabal, Ashwini Prem Kumar, B R Prashantha Kumar, Subhankar Mandal Prabitha P	Pharmacology	Filed: 30.03.2022 Published: 20.05.2022 Granted:	Filed	JSS College of Pharmacy, Ooty - JSS Academy of Higher Education & Research, Mysuru.
35.	Benzothiazole and Benzotriazole Hybrids as Antibacterial Agents	202241026428	Afzal Azam. Mohammed Niladri. Saha Vidyasrilekha. Yele Bharat Kumar Reddy Sanapalli	Pharm. Chemistry	Filed: 06.05.2022 Published: Granted:	Filed	JSS College of Pharmacy, Ooty - JSS Academy of Higher Education & Research, Mysuru

36.	Dual antibody conjugated lipidic nanoparticles of DAPT to target triple negative breast cancer cells	202241022997	Dr. Praveen T K	Pharmacology	Filed: 27.04.2022 Published: Granted:	Filed	JSS College of Pharmacy, Ooty - JSS Academy of Higher Education & Research, Mysuru
37.	Lyophilized surface modified formoterol stearylamine solid lipid nanoparticles and compositions thereof	202241023744	Dr. Praveen T K	Pharmacology	Filed: 29.04.2022 Published: Granted:	Filed	JSS College of Pharmacy, Ooty - JSS Academy of Higher Education & Research, Mysuru
38.	Pioglitazone nanoparticles functionalized with RGD and P3 peptides and compositions thereof for adipocyte specific drug delivery	202241017503	Dr. Praveen T K	Pharmacology	Filed: 29.03.2022 Published: Granted:	Filed	JSS College of Pharmacy, Ooty - JSS Academy of Higher Education & Research, Mysuru
39.	A Composition for Nasal Inhalation	202241024942	Jawahar Natarajan Nidamanuri Bala Sai Soujith Rajeshkumar Raman Selvaraj Jubie Venkatachalam Senthil Dhanabal Palanisamy	Pharmaceutics	Filed: 28.04.2022 Published: 29.07.2022 Granted:	Filed	JSS College of Pharmacy, Ooty - JSS Academy of Higher Education & Research, Mysuru
40.	Fabrication and Design of Natural Insole Fiber Powder Containing Banana Pseudo Stem Fiber and Coconut Pith	202241039540	Shanmugam R S. Prasath D.L.Priyanka S.P.Dhanabal Sai Ahil Palanisamy	TIFAC	Filed: 09.07.2022 Published: Granted:	Filed	JSS College of Pharmacy, Ooty - JSS Academy of Higher Education & Research, Mysuru
41.	Film-forming Transdermal spray	202241040738	Jawahar Natarajan Bala Sai Soujith Nidamanuri	Pharmaceutics	Filed: 16.07.2022	Filed	JSS College of Pharmacy, Ooty - JSS



	containing Terbinafine Hydrochloride and its composition		Jubie Selvaraj Venkatachalam Senthil Rajesh Kumar Raman Dhanabal Palanisamy		Published: Granted:		Academy of Higher Education & Research, Mysuru
42.	Levodopa stearic acid hydrazide conjugate for the management of Parkinson's disease	202241042228	Raman Suresh Kumar	Pharmaceutics	Filed: 23.07.2022 Published: Granted:	Filed	JSS College of Pharmacy, Ooty - JSS Academy of Higher Education & Research, Mysuru
43.	Engineered Affibody Conjugated Oxaliplatin nanoparticles for the management of Colorectal Cancer	202241047171	Gowthamarajan Kuppusamy	Pharmaceutics	Filed: 19.08.2022 Published: 26.08.2022 Granted:	Published	JSS College of Pharmacy, Ooty - JSS Academy of Higher Education & Research, Mysuru

### Summary

Year	Filed	Published	Granted	Remarks
2016		02		
2017	03		02	
2018		02		
2019	03	02		
2020	06	03	03	
2021	11	06	02	
2022	05	03	02	

**Total Applications: 43**

**Awarded Patents: 10**