



**Centre/School/Special Centre: School of Natural Resources**

**Department: Pharmacy**

**Phone: 9425452174**

**Email: suniljain25in@yahoo.com**

**Name : Dr. Sunil K. Jain**

**Qualifications : M. Pharm., Ph.D.**

**Designation : Associate Professor**

**Date of Birth : 25-04-1977**

**Address for Correspondence : Department of Pharmacy, Guru  
Ghasidas Vishwavidyalaya (A Central University), Koni,  
Bilaspur-495 009, C.G. INDIA**

**Areas of Specialization : PHARMACEUTICS**

**Research Interest :**

- ⊞ Development of nano- and microparticulate delivery systems
- ⊞ Calcium silicate based gastro-retentive microspheres and floating granules
- ⊞ Solubility enhancement of poorly soluble drugs by solid dispersion technique
- ⊞ WGA and Con-A decorated nanoparticulates for colon targeting
- ⊞ Folic acid surface modified solid lipid nanoparticles for colon targeting

#### **Details of Experience**

<b>S. No.</b>	<b>Name of the Inst./Employer</b>	<b>Position Held</b>	<b>Duration</b>	<b>Major Job Responsibilities and Nature of Experience</b>
1.	Department of Pharmacy, Guru Ghasidas University, Bilaspur	Asst. Prof.	13 years	Teaching to Undergraduate and Postgraduate class Research work
2.	Department of Pharmacy, Guru Ghasidas University, Bilaspur	Associate Prof.	6 years	Teaching to Undergraduate and Postgraduate class Research work
3.	Dr. Harisingh Gour University, Sagar, (M.P.)	UGC-JRF	2 year	Research work Teaching to Undergraduate and Postgraduate class
4.	Dr. Harisingh Gour University, Sagar, (M.P.)	Lecturer	7 month	Teaching to Undergraduate and Postgraduate class

5.	Acharya Narendra Dev College of Pharmacy, Babhnan (U.P.)	Lecturer	1 year	Teaching to Undergraduate
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**M. Pharm. Students guided:** Total 22

**Ph.D. Students guided/under guidance (Details):** 03

S.No.	Name of student	Registration No.	Title	Thesis Submission Date	Date of award/Viva
1	Mr. Kuldeep Rajpoot	(276/Acad/Res/Pharmacy /2015, dated 14.07.2015)	Development of colorectal cancer targeted ligand engineered multiparticulate systems	14.05.2018	28.11.19
2	Mr. Amrish Kumar	(997/Acad/Res/Pharmcy/ 2013, dated 03.12.2013)	Development and evaluation of nanotechnology based dosage forms for intranasal delivery	24.08.2018	28.11.19
3	Mr. Aditya Nath Pandey	(316/Acad/Res/Pharmacy /2013, dated 15.05.2013)	Targeting of lectin conjugate multiparticulate Carrier(s) to colorectal cancer	24.08.2018	28.11.19

## Published Work

⊕ Research Papers i) International = 37 ii) National = 10

⊕ Review articles i) International = 07 ii) National = 08

Total publications: 62

**H Index: 25, I10 index: 37**

**Cumulative impact factor of published paper: 328**

**Cumulative citations: 2481 (till 11.01.2024)**

⊕ Book published: 04

⊕ Book Chapter: 20

⊕ Conference/Seminar Presentation: 26

⊕ Invited lecture/Session chaired: 18

⊕ Patent Published: 02

### List of Publications

Year	S.no	Publication	IF	Citation	ISSN no.
2022	1	Akhlesh K. Jain, R. Upadhyay, Keerti Mishra, <b>Sunil K. Jain</b> , Gastroretentive Metformin Loaded Nanoparticles for the Effective Management of Type-2 Diabetes Mellitus, Current Drug Delivery, 2022, 19(1), pp. 19–103	3.758	02	15672018
2021	2	Akhlesh K. Jain, Praveen Sahu, Keerti Mishra, <b>Sunil K. Jain</b> . Repaglinide and Metformin loaded Amberlite resin based Floating Microspheres for the effective management of type 2 Diabetes. Current Drug Delivery, 2021, 18, 654-668.	3.758	02	15672018
	3	Vaibhav Dubey, Kuldeep Rajpoot, <b>Sunil K. Jain</b> . D-mannose-decorated chitosan nanoparticles for enhanced targeting of 5-fluorouracil in the therapy of colon cancer, International Journal of Pharmaceutical Sciences and Nanotechnology. 2021, 14(1), 5315-5322		01	0974-3278
	4	Aditya N. Pandey, Kuldeep Rajpoot and <b>Sunil K. Jain</b> , “5-Fluorouracil Loaded Orally Administered WGA-decorated Poly(lacticco-glycolic Acid) Nanoparticles for Treatment of Colorectal Cancer: In Vivo Evaluation”, Current Nanomedicine, 2021 11: 51-60.			2468-1881
2020	5	Kuldeep Rajpoot, <b>Sunil K. Jain</b> . Tc-labeled and pH-awakened microbeads entrapping surface-modified lipid nanoparticles for the augmented effect of oxaliplatin in the therapy of colorectal cancer, Journal of Microencapsulation, 2020, 37(8), 609-623.	4.034	03	02652048
	6	Aditya Nath Pandey, Kuldeep Rajpoot, <b>Sunil K. Jain</b> , Using 5-Fluorouracil encored PLGA nanoparticles for treatment of colorectal cancer: <i>In vitro</i> characterization and cytotoxicity studies. Nanomedicine Journal. 2020, 7(3), 211-224.	JCI 0.24	02	23225904
	7	<b>Sunil K. Jain</b> , Akhlesh Jain, Kuldeep Rajpoot. Expedition of Eudragit® polymers in development of novel drug delivery systems. Current Drug Delivery. 2020, 17(6) 448-469.	3.758	12	15672018
	8	Kuldeep Rajpoot, <b>Sunil K. Jain</b> . Oral delivery of pH-responsive alginate microbeads incorporating folic acid-grafted solid lipid nanoparticles exhibits enhanced targeting effect against colorectal cancer: A dual-targeted approach. International Journal of Biological Macromolecules, 2020, 151:830-844.	8.025	36	01418130
	9	Debashish Nayak, Kuldeep Rajpoot, Sunil K	0.548	01	25741241

		Jain, Development and evaluation of cholestyramine-Amoxicillin Trihydrate-loaded gastro-retentive microspheres for attaining extended therapeutic effect against H. Pylori infection, Biomedical Journal of Scientific and Technical Research, 2020, 29(4), 22728-38.			
<b>2019</b>	<b>10</b>	Kuldeep Rajpoot, <b>Sunil K. Jain</b> . Irinotecan Hydrochloride Trihydrate Loaded Folic Acid-Tailored Solid Lipid Nanoparticles for Targeting Colorectal Cancer: Development, Characterization, and In-vitro Cytotoxicity Study Using HT-29 Cells. Journal of Microencapsulation, 36(7), 2019: 659-676.	4.034	17	02652048
	<b>11</b>	<b>Sunil K. Jain</b> , Kamlesh Patel, Kuldeep Rajpoot, Akhlesh Jain. Development of a Berberine Loaded Multifunctional Design for the Treatment of Helicobacter pylori Induced Gastric Ulcer, Drug Delivery Letters, 9(1), 2019: 50-57.	0.61	07	22103031
<b>2018</b>	<b>12</b>	Kuldeep Rajpoot, <b>Sunil K. Jain</b> , Colorectal cancer targeted delivery of Oxaliplatin <i>via</i> folic acid grafted solid lipid nanoparticles: Preparation, optimization, and <i>in vitro</i> evaluation, Artificial Cells, Nanomedicine, and Biotechnology, 2018, 46(6):1236-1247.	5.678	50	21691401
	<b>13</b>	Aditya N. Pandey, Rakesh Raj, N Ganesh, <b>Sunil K. Jain</b> , Concanavalin-A Conjugated 5-Fluorouracil Loaded PLGA Nanoparticles: A Novel Approach for Effective Treatment of Colorectal Cancer, Research Journal of Pharmacy & Technology, 2018, 11(7), 2782-2791.	1.203		0974-3618
<b>2017</b>	<b>14</b>	AK Jain, P Mohan, <b>Sunil K. Jain</b> , K Kesavan. Nano Carriers Based Approaches for Bioavailability Enhancement of Oral Hypoglycaemic Agents, Drug Delivery Letters, 7(3), 2017: 170-180.	0.61		2210-3031
<b>2016</b>	<b>15</b>	Amrish Kumar, <b>Sunil K. Jain</b> , Preliminary studies for the development of intranasal nanoemulsion containing CNS agent: emphasizing the utilization of cut and weigh method. Artificial Cells, Nanomedicine, and Biotechnology 2016, 45(3): 515-521.	5.678	05	2169-1401
	<b>16</b>	Amrish Kumar, <b>Sunil K. Jain</b> , Development and validation of UV-spectroscopy based stability indicating method for the determination of Fluoxetine Hydrochloride. Analytical Chemistry Letters 2016, 6(6): 894-902.		05	2229-7928
	<b>17</b>	<b>Sunil K. Jain</b> , Tanweer Haider, Amrish Kumar, Akhlesh Jain, Lectin conjugated clarithromycin and acetohydroxamic acid	4.026	22	1550-7416

		loaded PLGA nanoparticles: A novel approach for effective treatment of <i>H. pylori</i> , <i>AAPS PharmSciTech</i> , 2016, 17(5):1131-40.			
	18	<b>Sunil K. Jain</b> , Neeraj Prajapati, Kuldeep Rajpoot, Amrish Kumar, A Novel Sustained Release Drug Resin Complex Based Microbeads of Ciprofloxacin HCl, Artificial cells, <i>Nanomedicine &amp; Biotechnology</i> , 2016, 44(8): 1891-1900.	5.678	10	2169-1401
	19	<b>Sunil K. Jain</b> , Ajay Kumar, Amrish Kumar, Aditya N. Pandey, Kuldeep Rajpoot, Development and <i>in vitro</i> characterization of multiparticulate delivery system of acyclovir resinate complex, Artificial cells, <i>Nanomedicine &amp; Biotechnology</i> , 2016, 44(5), 1266-75.	5.678	14	2169-1401
	20	Amrish Kumar, Aditya N. Pandey, <b>Sunil K. Jain</b> , Nasal-Nanotechnology Combination: Revolution for Efficient Therapeutics Delivery, Drug delivery 2016, 23(3), 681-693.	6.819	97	1521-0464
	21	Narendra K. Patrey, Kuldeep Rajpoot, Akhlesh K. Jain, <b>Sunil K. Jain</b> , Diltiazem loaded floating microspheres of Ethylcellulose and Eudragit for gastric delivery: in vitro evaluation, <i>Asian Journal of Biomaterial Research</i> , 2016, 2(2), 71-77.		08	2454-6275
	22	Akhlesh K. Jain, Pravin K. Sahu, P. Mohan, <b>Sunil K. Jain</b> , Ion exchange resins- Pharmaceutical and clinical applications, 2016, 2(2), 51-61.		03	2454-6275
2014	23	<b>Sunil K. Jain</b> , Mukesh Gupta, Ashok K. Sahoo, Aditya N. Pandey, Akhlesh K. Jain, Lectin conjugated gastro-retentive microspheres of amoxicillin for effective treatment of <i>H. pylori</i> . <i>Current Science</i> , 2014, 106(2), 267-276.	1.169	26	0011-3891
	24	<b>Sunil K. Jain</b> , Ashok K. Sahoo, Mukesh Gupta, Aditya Nath Pandey, Amrish Kumar, Akhlesh K. Jain, Delivery of Repaglinide-cholestyramine complex loaded ethylcellulose microspheres to gastric mucosa for effective management of type 2 diabetes mellitus, <i>Current Science</i> , 2014, 106(11), 1518-1528 .	1.169	04	0011-3891
	25	<b>Sunil K. Jain</b> , Adiponectin: a wonder hormone for management of obesity and type 2 diabetes mellitus, <i>Global Journal of Pharmaceutical Education and Research</i> , 2014, 3(1-2), 47-49.	0.686		2278-0580
2013	26	Manoj Kumar, Ravi Shankar Pandey, Kartik Chandra Patra, <b>Sunil K. Jain</b> , Muarai Lal Soni, Jawahar Singh Dangi, Jitender Madan, Evaluation of neuropeptide loaded trimethyl chitosan nanoparticles for nose to brain	8.025	86	01418130

		delivery, <i>International Journal of Biological Macromolecules</i> , 2013, 61, 2013, 189-195.			
	27	A.K. Jain, <b>Sunil K Jain</b> , K. Chalasani, Non-invasive systemic delivery of Proteins and peptides, <i>Pharmagene</i> , 2013, 1(3), 73-84.		07	23210966
	28	<b>Sunil K. Jain</b> , Porous carrier based Floating Microspheres for gastro-retention: A technical report, <i>Global Journal of Pharmaceutical Education and Research</i> , 2013, 2(1), 37-38.	0.686		2278-0580
	29	<b>Sunil K. Jain</b> , Drug information and E Health, <i>Global Journal of Pharmaceutical Education and Research</i> , 2013, 2(2), 71-76.	0.686		2278-0580
	30	<b>Sunil K Jain*</b> , Aditya Nath Pandey, Akhlesh K. Jain, A review on mouth dissolving tablets prepared by solid dispersion technique, <i>Pharmagene</i> , 2013, 1(2), 69-73.			23210966
2012	31	Keshav R. Deshmukh and <b>Sunil K. Jain</b> , Development of Aceclofenac Mouth Dissolving Tablets using Solid Dispersion Technique: <i>In-vitro</i> Evaluation, <i>Indian Journal of Pharmaceutical Education and Research</i> , 2012, 46 (2), 97-104.	0.843	13	0019-5464
	32	Arvinder Kaur, <b>Sunil K. Jain</b> , Ravi S. Pandey, Ethanolic nano-vesicles for effective treatment of osteoarthritis, <i>International Journal of Pharmaceutical Sciences and Research</i> , 2012, 3(8), 2562-2567.		04	0975-8232
2011	33	Ashutosh Nayak, <b>Sunil K Jain</b> , Ravi S. Pandey, Controlling Release of Metformin HCl through Incorporation into Stomach Specific Floating Alginate Beads, <i>Molecular Pharmaceutics</i> , 2011, 8, 2273-81.	5.364	26	1543-8384
	34	Abhishek K. Sah, Ashish Rambhade, Alpana Ram, <b>Sunil K. Jain</b> , Resealed erythrocytes: A novel carrier for drug targeting, <i>Journal of Chemical and Pharmaceutical Research</i> , 2011, 3(2), 550-565.			0975-7384
	35	Abhisek K. Sah, <b>Sunil K. Jain</b> , and Ravi S. Pandey, Microemulsion based hydrogel formulation of Methoxsalen for the effective treatment of psoriasis, <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 2011, 4(4), 140-145.		19	0974-2441
2010	36	<b>Sunil K Jain</b> , Meenakshi Shukla, Vivek Shrivastava, Development and in vitro evaluation of Ibuprofen mouth dissolving tablets using solid dispersion technique, <i>Chemical &amp; Pharmaceutical Bulletin</i> , 2010, 58(8), 1037-1042.	1.903	27	0009-2363
	37	Murari L. Soni, Kamta P. Namdeo, <b>Sunil K. Jain</b> , Manish Gupta, J.S. Dangi, Manoj Kumar, and Yuvraj S. Dangi, pH-enzyme di-dependent Chronotherapeutic Drug Delivery System of	1.903	15	0009-2363

		Theophylline for Nocturnal Asthma, <i>Chemical &amp; Pharmaceutical Bulletin</i> , 2010, 59(2)191-195.			
	<b>38</b>	<b>Sunil K. Jain</b> , Narendra K. Jain, Multiparticulate Carriers for Sun-screening Agents, <i>International Journal of Cosmetic Science</i> , 2010, 32, 89-98.	2.416	74	1468-2494
	<b>39</b>	A. A. Kharia, S.N. Hiremath, A.K. Singhai, L.K. Omray, <b>Sunil K Jain</b> , Design and optimization of floating drug delivery system of Acyclovir, <i>Indian Journal of Pharmaceutical Sciences</i> , 2010, 72(5), 599-606.	0.975	56	0250-474X
<b>2009</b>	<b>40</b>	<b>Sunil K Jain</b> , Manmohan Jangde, Lectin Conjugated Gastro- Retentive Multiparticulate Delivery System of Clarithromycin for the Effective Treatment of Helicobacter Pylori, <i>Molecular Pharmaceutics</i> , 2009, 6 (1), 295–304.	5.364	64	1543-8384
	<b>41</b>	<b>Sunil K. Jain</b> and Anuj Gupta, Development of Gelucire 43/01 beads of Metformin hydrochloride for floating delivery, <i>AAPS PharmSciTech</i> , 2009, 10(4), 1128-1136.	4.026	59	1550-7416
<b>2008</b>	<b>42</b>	Nalini Anande, <b>Sunil K Jain</b> , and NK Jain, Con-A conjugated mucoadhesive microspheres for the colonic delivery of diloxanide furoate, <i>International Journal of Pharmaceutics</i> , 2008, 359,182-189.	5.679	59	0378-5173
	<b>43</b>	<b>Sunil K Jain</b> , NK Jain, GP Agrawal, <i>In vitro</i> Evaluation of Porous Carrier based Floating Granular Delivery System of Orlistat, <i>PDA Journal of Pharmaceutical Science and Technology</i> , 2008, 62(4), 292-99.	0.784	03	1079-7440
	<b>44</b>	<b>Sunil K Jain</b> , GP Agrawal, NK Jain, Floating microspheres as drug delivery system: Newer approaches, <i>Current Drug Delivery</i> , 2008, 5(3) 220-223.	3.758	41	1567-2018
<b>2007</b>	<b>45</b>	A Paharia, AK Yadav, <b>Sunil K Jain</b> , G Rai, SS Pancholi, GP Agrawal, Eudragit Coated Pectin Microspheres of 5-Fluorouracil for Colon Targeting, <i>AAPS PharmSciTech</i> , 2007, 8(1), Article 12, E1-E7.	4.026	212	1550-7416
	<b>46</b>	<b>Sunil K Jain</b> , GP Agrawal, NK Jain, Porous carrier based floating granular delivery system of repaglinide, <i>Drug Development and Industrial Pharmacy</i> , 2007, 33, 381-391.	3.727	26	0363-9045
	<b>47</b>	D Gogna, <b>Sunil K Jain</b> , AK Yadav, GP Agrawal, <i>Microsphere based improved sunscreen formulation of ethylhexyl methoxycinnamate</i> , <i>Current Drug Delivery</i> , 2007, 4 (2), 153-59.	3.758	36	1567-2018
<b>2006</b>	<b>48</b>	<b>Sunil K Jain</b> , GP Agrawal, NK Jain, A novel calcium silicate based microspheres of repaglinide: in vivo investigations, <i>Journal of Controlled Release</i> , 2006, 113, 111-116.	11.467	111	0168-3659

	49	<b>Sunil K Jain</b> , GP Agrawal, NK Jain, Evaluation of porous carrier-based floating microspheres of orlistat for gastric delivery, <i>AAPS PharmSciTech</i> , 2006, 7(4), Article 90, E1-E7.	4.026	132	1550-7416
	50	M Patel, <b>Sunil K Jain</b> , AK Yadav, D Gogna, GP Agrawal, Preparation and Characterization of Oxybenzone Loaded Gelatin Microspheres for Enhancement of Sunscreening Efficacy, <i>Drug Delivery</i> , 2006, 13(5), 323-30.	6.819	49	1521-0464
	51	AK Jain, <b>Sunil K Jain</b> , A Yadav, GP Agrawal, Controlled release Calcium Silicate based Floating Granular Delivery System of Ranitidine Hydrochloride, <i>Current Drug Delivery</i> , 2006, 3(4), 367-372.	3.758	19	1567-2018
	52	<b>Sunil K Jain</b> , Nalini Anande, Manoj Kumar, GP Agrawal, Controlled release fertilizers: Trends and technologies, <i>Pharmaarticles</i> (2006) ( <a href="http://www.pharmainfo.net/exclusive/reviews/controlled_release_fertilizers:_trends_and_technologies/">http://www.pharmainfo.net/exclusive/reviews/controlled_release_fertilizers:_trends_and_technologies/</a> ).		03	
2005	53	<b>Sunil K Jain</b> , AM Awasthi, NK Jain, GP Agrawal, Calcium Silicate Based Microspheres of Repaglinide for Gastroretentive Floating Drug Delivery: Preparation and In vitro Characterization, <i>Journal of Controlled Release</i> , 2005, 107, 300-309.	11.467	412	0168-3659
	54	G Rai, <b>Sunil K Jain</b> , S Agrawal, S Bhadra, SS Pancholi, GP Agrawal, Chitosan hydrochloride based microspheres of Albendazole for colonic drug delivery, <i>Pharmazie</i> , 2005, 2, 131-134.	1.515	37	0365-6233
	55	<b>Sunil K Jain</b> , A Asthana, DC Prasad, NK Jain, GP Agrawal, Gamma Scintigraphy and its Pharmaceutical Applications, <i>Drug Delivery Technology</i> , 2005, 5(5), 47-55.			1537-2898
	56	<b>Sunil K Jain</b> , NK Jain, GP Agrawal, Spectrophotometric Determination of Repaglinide in Pharmaceutical Dosage Forms, <i>Indian Journal of Pharmaceutical Sciences</i> , 2005, 249-51.	0.664	17	0250-474X
2004	57	GP Agrawal, M Juneja, S Agrawal, <b>Sunil K Jain</b> , SS Pancholi, Preparation and characterization of reverse micelle based organogels of piroxicam, <i>Pharmazie</i> , 2004, 59 (3), 191-193.	1.515	44	0365-6233
	58	<b>Sunil K Jain</b> , G Rai, DK Saraf, GP Agrawal, The preparation and evaluation of albendazole microspheres for colonic delivery, <i>Pharmaceutical Technology</i> , 2004, 28 (12), 66-71.	0.071	70	1543 2521
	59	S Bhadra, M Kumar, <b>Sunil K Jain</b> , S. Agrawal, G P Agrawal, Spherical Crystallization of Mefenamic Acid, <i>Pharmaceutical Technology</i> , February 2004, 66-76..	0.071	61	1543 2521



	<b>60</b>	<b>Sunil K Jain</b> , GP Agrawal, Floating Flap: A Sustained Release Polymeric Device for the Delivery of Albendazole and Closantel to Animals, <i>Indian Journal of Pharmaceutical Sciences</i> , 2004, 66(1), 63-68.	0.664	13	0250-474X
<b>2003</b>	<b>61</b>	<b>Sunil K Jain</b> , S Kashaw, L Rathi, GP Agrawal, Controlled Drug Delivery Systems for Veterinary Use- A Review, <i>Indian Journal of Pharmaceutical Sciences</i> , 2003, 65(1), 9-14.	0.664	02	0250-474X
	<b>62</b>	SK Kumhar, <b>Sunil K Jain</b> , SS Pancholi, S Agrawal, DK Saraf, GP Agrawal, Provesicular Transdermal Drug Delivery System of Ethinylestradiol and Levonorgestrel for Contraception and Hormone Replacement Therapy, <i>Indian Journal of Pharmaceutical Sciences</i> , 2003, 65(5), 620-27.	0.664	15	0250-474X
		<b>Total Impact factor score</b>	160.449		

### Published Book Chapters

Year	S.No	Publication	ISBN no.
2024	1	Sunil K. Jain, Aditya Nath Pandey, Kuldeep Rajpoot, KM Pooja, Jayshree, Ajay Kumar Shukla, Colorectal cancer and its status, In: Newer ligand based nano formulations for the treatment of colorectal cancer and gastric cancer, Edited by Sunil K. Jain, Kuldeep Rajpoot, Aditya Nath Pandey, First Edition, Poddar Publication, Chittupur, 2024, p. 8-17.	978-93-84817-09-1
2024	2	Sunil K. Jain, Aditya Nath Pandey, Ajay Kumar Shukla, K. Kesavan, KM Pooja, Anatomy and Physiology of Colon, In: Newer ligand based nano formulations for the treatment of colorectal cancer and gastric cancer, Edited by Sunil K. Jain, Kuldeep Rajpoot, Aditya Nath Pandey, First Edition, Poddar Publication, Chittupur, 2024, p. 18-27.	978-93-84817-09-1
2024	3	Sunil K. Jain, Kuldeep Rajpoot, Ajay Kumar Shukla, Nishant S. Jain, KM Pooja, Aditya Nath Pandey, Conventional Treatment for Colorectal Cancer, In: Newer ligand based nano formulations for the treatment of colorectal cancer and gastric cancer, Edited by Sunil K. Jain, Kuldeep Rajpoot, Aditya Nath Pandey, First Edition, Poddar Publication, Chittupur, 2024, p. 26-31.	978-93-84817-09-1
2024	4	Sunil K. Jain, Kuldeep Rajpoot, Jayshree, Aditya Nath Pandey, Lectin and lectin Based Formulations and Approaches, In: Newer ligand based nano formulations for the treatment of colorectal cancer and gastric cancer, Edited by Sunil K. Jain, Kuldeep Rajpoot, Aditya Nath Pandey, First Edition, Poddar Publication, Chittupur, 2024, p. 32-44.	978-93-84817-09-1
2024	5	Kuldeep Rajpoot, Saroj Dangi Rajpoot, K. Kesavan, Nishant S. Jain, Sunil K. Jain, Treatment approaches for colorectal cancer, In: Newer ligand based nano formulations for the	978-93-84817-09-1

		treatment of colorectal cancer and gastric cancer, Edited by Sunil K. Jain, Kuldeep Rajpoot, Aditya Nath Pandey, First Edition, Poddar Publication, Chittupur, 2024, p. 45-54.	
2024	6	Kuldeep Rajpoot, Saroj Dangi Rajpoot, K. Kesavan, Nishant S. Jain, Sunil K. Jain, Solid Lipid nanocarriers for the targeted treatment of colorectal treatment, In: Newer ligand based nano formulations for the treatment of colorectal cancer and gastric cancer, Edited by Sunil K. Jain, Kuldeep Rajpoot, Aditya Nath Pandey, First Edition, Poddar Publication, Chittupur, 2024, p. 55-80.	978-93-84817-09-1
2024	7	Kuldeep Rajpoot, K. Kesavan, Jayshree, Sunil K. Jain, Development of Gastric cancer, In: Newer ligand based nano formulations for the treatment of colorectal cancer and gastric cancer, Edited by Sunil K. Jain, Kuldeep Rajpoot, Aditya Nath Pandey, First Edition, Poddar Publication, Chittupur, 2024, p. 81-96.	978-93-84817-09-1
2024	8	KM Pooja, K. Kesavan, Jayshree, Sunil K. Jain, Approaches for treatment of gastric cancer, In: Newer ligand based nano formulations for the treatment of colorectal cancer and gastric cancer, Edited by Sunil K. Jain, Kuldeep Rajpoot, Aditya Nath Pandey, First Edition, Poddar Publication, Chittupur, 2024, p. 97-104.	978-93-84817-09-1
2024	9	Aditya Nath Pandey, K. Kesavan, KM Pooja, Sunil K. Jain, C-type lectin receptor and D Mannose, In: Newer ligand based nano formulations for the treatment of colorectal cancer and gastric cancer, Edited by Sunil K. Jain, Kuldeep Rajpoot, Aditya Nath Pandey, First Edition, Poddar Publication, Chittupur, 2024, p. 105-110.	978-93-84817-09-1
2024	10	Aditya Nath Pandey, Kuldeep Rajpoot, Nishant S. Jain, Jayshree, Sunil K. Jain, Nanoparticles in chemotherapy, In: Newer ligand based nano formulations for the treatment of colorectal cancer and gastric cancer, Edited by Sunil K. Jain, Kuldeep Rajpoot, Aditya Nath Pandey, First Edition, Poddar Publication, Chittupur, 2024, p. 111-116.	978-93-84817-09-1
2024	11	Kuldeep Rajpoot, K. Kesavan, Jayshree, Sunil K. Jain, Approach for nanoparticles in chemotherapy, In: Newer ligand based nano formulations for the treatment of colorectal cancer and gastric cancer, Edited by Sunil K. Jain, Kuldeep Rajpoot, Aditya Nath Pandey, First Edition, Poddar Publication, Chittupur, 2024, p. 117-132.	978-93-84817-09-1
2024	12	Nishant S. Jain, Jayshree, KM Pooja, Sunil K. Jain, Stability study of Lectin based nanoformulations, In: Newer ligand based nano formulations for the treatment of colorectal cancer and gastric cancer, Edited by Sunil K. Jain, Kuldeep Rajpoot, Aditya Nath Pandey, First Edition, Poddar Publication, Chittupur, 2024, p. 133-138.	978-93-84817-09-1
2024	13	Ajay Kumar Shukla, Sandeep Kumar Singh, Manish Kumar Goel, Ashish Garg, Kuldeep Rajpoot and Sunil K. Jain, Multifunctional nanocarrier-mediated approaches and	978-0-323-95303-0

		conventional therapies for effective treatment of cancer, In: Multifunctional Nanocomposites for Targeted Drug Delivery in Cancer Therapy, Edited by Awesh Yadav, Rahul Shukla, Rewati Raman Ujjwal, First Edition, Academic press, Elsevier, 2024, p. 35-62	
2022	14	Sunil K. Jain, Kuldeep Rajpoot, K. Kesavan, Awesh Yadav, Umesh Gupta and Prem N. Gupta, Targeting Potential of Nanocarriers for Efficient Treatment of <i>H. Pylori</i> Infection, In: Nanoparticles and Nanocarriers Based Pharmaceutical Formulations, Edited by A K Jain, Kirti Mishra, Chapter 6, First Edition, Bentham Publication, 2022, p.158-177.	978-981-5049-79-4
2022	15	Kuldeep Rajpoot, Sunil K. Jain and Saroj Dangi Rajpoot, Gastro-retentive Nanocarriers in Drug Delivery, In: Nanoparticles and Nanocarriers Based Pharmaceutical Formulations, Edited by A K Jain, Kirti Mishra, Chapter 7, First Edition, Bentham Publication, 2022, p.176-197.	978-981-5049-79-4
2022	16	K Kesavan, P. Mohan, Sunil K Jain, Olivia ParraMarin and Selvasankar Murugesan, Nanoemulsion: A Potential Carrier for Topical Drug Delivery, In: Nanoparticles and Nanocarriers Based Pharmaceutical Formulations, Edited by A K Jain, Kirti Mishra, Chapter 9, First Edition, Bentham Publication, 2022, p.232-274.	978-981-5049-79-4
2020	17	Kuldeep Rajpoot and Sunil K. Jain, The Role of Nanoparticles in the Treatment of Gastric Cancer, in; Nano Drug Delivery Strategies for the Treatment of Cancers, Edited by AK Yadav, U Gupta, R Sharma, Chapter 07, First Edition, Elsevier Publication, 2020, p. 165-189.	978-0-12-819793-6
2018	18	Sunil K. Jain, Development and Characterization of Calcium Silicate Based Formulations for Anti-Obesity Therapy, in; eBook series "Anti-Obesity Drug Discovery and Development", Edited by Rahman A, Choudhary MI, Volume IV. Published by Bentham Science Publisher, 2018, p. 98-120.	978-1-68108-558-6
2018	19	Akhlesh K. Jain, Teenu Sharma, Sunil K. Jain, Nanocarriers-Mediated therapeutic Protein Delivery, in; B Singh, RY Ho, JR Kanwar (Ed.), <i>NanoBioMaterials</i> , Chapter 09, CRC Press, Taylor & Francis Group, New York, First Edition, 2018, p.185-202.	978-0-8153-9978-0
2004	20	Sunil K Jain, GP Agrawal, NK Jain, Prodrugs to Enzymes and Membrane Transporters, in; NK Jain (Ed.), <i>Progress in Controlled and Novel Drug Delivery Systems</i> , Chapter 16, CBS Publishers & Distributors, New Delhi, 2004, p. 361-83.	978-8-1239-0517-4

## Published Books

S.No. Book Title: Handbook of Practical Pharmaceutics for Post Graduates  
 1 Authors: NK Jain, Sunil K Jain, Akhlesh Jain, Dinesh Mishra  
 Publisher: Vallabh Prakashan, DELHI-110033  
 ISBN No.: 978-93-85529-17-7  
 Edition: First

Year: 2018

- 2 Book Title: Practical Aspects of Pharmaceutics-I  
Authors: Sunil K Jain, Dinesh Mishra  
Publisher: Career Publication, Nasik-422001  
ISBN No.: 978-93-82322-95-5  
Edition: First  
Year: 2019
- 3 Book Title: PRACTICAL ASPECTS OF HOSPITAL AND CLINICAL PHARMACY  
Authors: Sunil K Jain, Kuldeep Rajpoot  
Publisher: Career Publication, Nasik-422001  
ISBN No.: 978-93-92867-61-3  
Edition: First  
Year: 2023
- 4 Book Title: Newer ligand based nano formulations for the treatment of colorectal cancer and gastric cancer  
Authors: Sunil K Jain, Kuldeep Rajpoot, Aditya Nath Pandey  
Publisher: Poddar Publication, Chittupur  
ISBN No.: 978-93-84817-09-1  
Edition: First  
Year: 2024

#### R & D Projects

S.No.	Title	Role	Agency	Period	Amount Sanctioned	Amount Utilized	File no. and date	Status
1	Development of controlled release gastro-retentive multiparticulate delivery systems for the effective management of type-2 diabetes mellitus	PI	AICTE, New Delhi under Research Promotional Scheme	2 years (session 2007-08)	Rs. 6.9 Lacs	Rs. 5,87,794.00	8023/BOR/RPS-155/2006-07; dated, June 11,2007	Completed
2	Lectin conjugated multiparticulate delivery systems for the effective treatment of	PI	AICTE, New Delhi under Research Promotional	3 years (session 2013-15)	Rs. 12 Lacs		20/AICTE/RIFD/ RPS (POLICY-III) 13 (Govt)/2012-13	Completed

	<i>H. pylori</i> infections		Scheme					
3	Development of colon targeted new generation vaccine formulations	Co-PI	UGC, New Delhi	3 years (session 2013-15)	Rs. 7,22,800.00		F.No. 41-742/2012 (SR)	Completed
		Total funding received			<b>Rs. 26,12,800</b>			

#### **Foreign visit:**

Presented research work entitled "5-Fluorouracil encored PLGA nanoparticles for treatment of colorectal cancer" in 2<sup>nd</sup> International conference on "Fostering Interdisciplinary Research in HealthSciences 2019" held at AIMST University, Malaysia, 14<sup>th</sup>-15<sup>th</sup> September 2019.

#### **Membership in Professional bodies**

1. Life member Indian Pharmaceutical Association (IPA) (CHA/LM/0063).
2. Life member Association of Pharmaceutical Teachers of India (APTI) (CG/ LM-013).
3. Life member The Indian Science Congress Association (ISCA) (L25470).
4. Life member Society of Pharmaceutical Education and Research (SPER)(SPER/LM/CG/014)



**Date: 16-01-2024**

**Signature with day**