

Bio-data

Name	Dr. Sanjay J. Kshirsagar
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Institution	MET's Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nasik-422003, MS-India.
Designation	Principal and Professor
Date of Birth	25/10/1976



Membership of various bodies/committees:

Sr. No.	Name of bodies/committees	Name of Institute/Body	Year	Duration / Tenure
1.	Inspector of Pharmacy Council of India	Pharmacy Council of India	2018	--
2.	Member: Board of Studies in Pharmaceutics, Science and Technology Faculty	Savitribai Phule Pune University.	2019	2023
3.	Member of CRS-Indian Local Chapter	Controlled Release Society	2021	2025
4	Member	APTI	2002	2040
5.	Member	Operant Pharmacy Federation	2018	Life time

Academic Qualification (Undergraduate Onwards)

S.N.	Degree	Year	Subject	University/Institute	%Marks
1	B. Pharm.	July 1999	Pharmacy	Pune University of Pune	62.00%
2	M. Pharm	April 2001	Pharmaceutics	Pune University of Pune	62.10%
3	PhD	October 2012	Pharmaceutics	JNTU Hyderabad	NA
4.	GATE Qualified				

Ph.D. Details

Thesis Title: Design and Development of Oral Dosage Form for Colon Specific Drug Delivery
Guide name – Dr. M.R. Bhalekar
Institute – JNTU Hyderabad
Year of Award: 2012

Work experience (in chronological order)

S.N.	Positions held	Name of the Institute	From	To
1	Lecturer	MAAERS Maharashtra Institute of Pharmacy	01/09/2001	31/03/2002
2	Lecturer	Sinhgad Institute of Pharmaceutical Sciences	19/08/2004	30/05/2006
3	Asst. Prof.	AISSMS College of Pharmacy	01/06/2006	26/07/2015
4	Professor and Principal	MET's Institute of Pharmacy, Nasik.	27/07/2015	To till date

Professional Recognition/ Award/ Prize etc.

S.N.	Name of Award	Name of agency	A.Y.
1.	First prize at AICTE sponsored National Conference.	Dadasaheb Balpande College of Pharmacy, Nagpur	2021-22
2.	Special Appreciation at International Conference	SMBT Institute of Pharmacy, Nasik	2020-21
3	Pharma Excipients Poster Award	International AG, SCHWEIZ	2018-19
4.	Innovative Research Award	Sakal Media Group	2017-18
5.	Third prize at International Conference	IPS academy, Indore	2017-18
6.	Best original paper	Indian Journal of Rheumatology	2015-16
7.	PharmaInnova- Best Research Guide- National level	DST/Rajinibahi patel/Trika	2012-13

Impact of Research

Research Experience	No. of Papers	Total Citation	h-index	i10-index	Total impact factor	PG students	Ph.D. Students
14 years	160	744	14	27	60	50	08 (Pursuing)

Thrust area research work

- Colon specific drug delivery system
- Nanotechnology
- Ophthalmic drug delivery system
- Trans dermal drug delivery system
- Liposome targeted drug delivery
- Sustained release dosage forms

Publications (List of papers published in SCI, Scopus, Web of Science indexed Journal in last five years)

S.N.	Authors	Title	Journal Name	Volume	Page	Year
1.	Kshirsagar Sanjay J	Formulation of PPAR-gamma agonist as surface modified PLGA nanoparticles for non-invasive treatment of diabetic retinopathy: in vitro and in vivo evidence.	Heliyon	6	1-10	2020
2.	Kshirsagar Sanjay J	Formulation of nanoparticles loaded in situ gel for treatment of dry eye disease: In vitro, ex vivo and in vivo evidences	Journal of Drug Delivery Science and Technology	61	1-11	2020
3.	Kshirsagar Sanjay J	Synthesis and charecterization of mesoporous silica nanoparticles loaded with repaglinide for dissolution enhancement	Indian journal of pharmaceutical science	82	686-691	2020
4.	Kshirsagar Sanjay J	An approach to select linear regression model in bioanalytical method validation	Journal of Analytical Science and Technology	10	1-7	2019
5.	Kshirsagar Sanjay J	Development and validation of stability-indicating HPLC method for estimation of sertaconazole nitrate in bulk and topical formulation: Application to chemical kinetics, characterization and in silico toxicity prediction of its acid degradation product	Analytical Chemistry Letters	9	86-95	2019
6.	Kshirsagar Sanjay J	Simultaneous Estimation of Dapagliflozine and saxagliptin in Tablets using Two Chemometric-assisted UV-spectrophotometric Methods	Indian Drugs	56	32-38	2019
7.	Kshirsagar Sanjay J	Development and validation of HPLC methd for estimation of oxcarbazapine in spiked human plasma: synthesis and characterization of its active metabolite	Euransian Journal of Analytical Chemistry	13	76-82	2018

8.	Kshirsagar Sanjay J	Rational design and synthesis of some PPAR- γ agonists: substituted benzylideneamino- benzylidene-thiazolidine-2,4-diones	Computational biology and chemistry	67	260-265	2017
9.	Kshirsagar Sanjay J	Application of factorial design approach In development aand evaluation of self-emulsifying drug delivery system (SMEDDS) of mebendazole	Journal of Pharmaceutical Investigation	47	507-519	2017
10.	Kshirsagar Sanjay Jayprakash	Development of SMEDDS of mebendazole by spray drying technology: Characterization, in vitro and in vivo evaluation	Drying technology	34(9)	1023-1042	2016
11.	Kshirsagar Sanjay Jayprakash	Microwave-assisted forced degradation and development of a validated stability-indicationg RP-HPLC method for venlafaxine in bulk and capsule formulation	Indian Drugs	53(2)	47-52	2016
12.	Kshirsagar Sanjay Jayprakash	Tulsi oil loaded biocompatible, stable organogel with improved physical stability and prolonged activity.	International journal of Drug Delivery Technology	6(2)	30-46	2016
13.	Kshirsagar Sanjay Jayprakash	Formulation of mucoadhesive gastric retentive drug delivery using thiolatedxyloglucan	Carbohydrate polymers	6(3)	1-10	2016
14.	Kshirsagar Sanjay J	Formulation and development of plasma volume expander using natural and modified starch from Solanum tuberosum	Journal of Pharmaceutical Investigation	6	1-10	2016
15.	Kshirsagar Sanjay Jayprakash	Formulation and evaluation of acyclovir nanosuspension for enhancement of oral bioavailabiliy	Asian Journal of Pharmaceutics	8	9	2014
16.	Kshirsagar Sanjay Jayprakash	Design and development of liposomes for colon targeted drug delivery	Journal of Drug Targeting	21	15	2013
17.	Kshirsagar Sanjay Jayprakash	Development and evaluation of carvedilol-loaded transdermal drug delivery system: In-vitro and in-vivo characterization study	Drug Development Industrial Pharmacy	0	8	2012
18.	Kshirsagar Sanjay Jayprakash	A Modified Solvent Method for Preparation of Solid Dispersions	Iranian Journal of	8	3	2012

			Pharmaceutical Sciences			
19.	Kshirsagar Sanjay Jayprakash	Statistical optimization of floating pulsatile drug delivery system for chronotherapy of hypertension	International Journal Of Pharmaceutical Investigation	1	7	2011
20.	Kshirsagar Sanjay Jayprakash	A Modified Solvent Method for Preparation of Solid Dispersions	Iranian Journal of Pharmaceutical Sciences	8	9	2011
21.	Kshirsagar Sanjay Jayprakash	Design and Development of pH sensitive budesonide-chiston mucoadhesive beads for ileo-cecal targeting	Asian journal of pharmaceutical science	6	10	2011
22.	Kshirsagar Sanjay Jayprakash	Gastroretentive Drug Delivery System of Hydrochlorthiazide: Formulation,, optimizationvaluat and invitro evaluation.L	Asian journal of pharmaceutical science	6	10	2011
23.	Kshirsagar Sanjay Jayprakash	Design and Development of pH sensitive budesonide-chistonmucoadhesive beads for ileo-cecal targeting	Asian journal of pharmaceutical science	6(2)	60	2011
24.	Kshirsagar Sanjay Jayprakash	Gastroretentive Drug Delivery System of Hydrochlorthiazide: Formulation,,optimizationvaluat and invitro evaluation.	Asian journal of pharmaceutical science	6(3)	1	2011
25.	Kshirsagar Sanjay Jayprakash	Development of enzyme controlled colon drug delivery using amylose and HPMC	Drug Delivery	18	385	2011
26.	Kshirsagar Sanjay Jayprakash	Design, Development and In Vitro In Vivo Study of Colon Specific Fast Disintegrating Tablet	J Pharma. Development and technology	16	449	2010
27.	Kshirsagar Sanjay Jayprakash	Statitital optimization of sustained release venlafaxineHCL wax matrix tablet	Indian Journal of Pharmaceutical Sciences	0	5	2008

28.	Kshirsagar Sanjay Jayprakash	Statistical optimization of sustained release venlafaxineHCL wax matrix tablet	Indian Journal of Pharmaceutical Sciences	70	472	2008
29.	Kshirsagar Sanjay Jayprakash	Glimpse of Softwares used in Pharmacy	Indian Journal of Pharmaceutical Sciences	42	404	2008
30.	Kshirsagar Sanjay Jayprakash	In Vitro Drug Release and In Vivo Human X-Ray Studies of Ileo-Cecal Targeting Budesonide Fast Disintegrating Tablet	Drug Development Industrial Pharmacy	35	788	2008

Detail of Patents

S.N.	Patent Title	Name of Applicant(s)	Patent No.	Award Date	Agency/Country	Status
1.	Natural oil based nail polish remover composition and process of preparation thereof	Sanjay J. Kshirsagar	369716	25/06/2021	India	Granted
2.	'Herbal Nutritional filled chocolate & Composition Thereof'	Sanjay J. Kshirsagar	NA	NA	India	Under examination
3.	Fabrication of surface modified nanoparticles of PPAR-gamma agonist for noninvasive management of Diabetic Retinopathy.	Sanjay J. Kshirsagar	NA	NA	India	Published
4.	Formulation of nanoparticles laden in situ gel (NPLISG) for treatment of Dry Eye Disease.	Sanjay J. Kshirsagar	NA	NA	India	Published
5.	Topical formulation of chloroquin for use in arthritis	Sanjay J. Kshirsagar	NA	NA	India	Published
6.	A nasal efavirenz nano-suspension for the targeted drug delivery in Neuro-Aids	Sanjay J. Kshirsagar	NA	NA	India	Published

Funded Research Projects

Sr. No.	Title of the project	Date of Sanction and duration	Names of PI/Co-I	Funding Agency	Amount
1.	Design, Development of liposome for Colon Targeted	01/04/2013 2 years	Sanjay J. Kshirsagar	SPPU	180000
2.	Design, Development of Oral Dosage Forms for Colon	01/04/2007 2 years	Sanjay J. Kshirsagar	SPPU	150000
3.	Evaluation of antidandruff and anti-acne activity	01/06/2018 1 years	Sanjay J. Kshirsagar	Deltas Pvt. Ltd. Mumbai	50000

Books

Sr. No.	Title	Authors	Publisher	Year	ISBN
1	Applied Biostatistics: An essential tool in health care profession.	Dr. Kshirsagar Sanjay , Ms. Nerpagar A., Mr. Laddha U., Mrs. Mandan S. and Dr. Surana S.	Bhumi	2021	978-81-953600-1-7
2	Handbook Of Pharmaceutical Jurisprudence	Dr. Kshirsagar Sanjay J , Mr. Umesh Laddha	Career	2019	978-93-80744-62-9
3	Computer Applications in Pharmacy	Dr. Kshirsagar Sanjay J , Dr. Santosh Chhjed	Everest	2019	978-81-76603-58-4
4	Practical Handbook of Pharmaceutics	Dr. Kshirsagar Sanjay J. , Umesh Laddha	Career	2018	978-93-82322-10-8

Chapters

S.N.	Title	Author's Name	Name of Book	Publisher	Year of Publication
1	Ocular in situ gel: a novel approach for better patient compliance	Umesh Laddha and Sanjay Kshirsagar	Research and Development in Pharmaceutical Sciences	Bhumi Publication	July-2021
2	Exploring the use of marine products in the	Umesh Laddha , Sanjay	Frontiers in the Life Science	Bhumi Publication	July-2021

	management of Non-Communicable Diseases Cancer	Kshirsagar and Archana Nerpagar			
3	Current management strategies of COVID-19	Umesh Laddha, Sanjay Kshirsagar and Mayuresh A. Burhade	COVID 19: Impact and the response vol. II	Bhumi Publication	July-2021

Institutional Achievements as a Principal

1. NBA Accreditation of MET Institute of Pharmacy (B. Pharm.) 2017-18 and 2020-21
2. NAAC Accreditation of MET Institute of Pharmacy.
3. NIRF Ranking: MET IOP received NIRF ranking 2020 in band of 76-100
4. MET IOP B. Pharm. Course intake increase from 60 to 100 in 2018-19.
5. Introduction of new courses like D. Pharm, M. Pharm in Pharmacology, Pharm D., and PhD.
6. MET IOP achieved highest Platinum rank for consecutively two years 2017 and 2018 by AICTE CII survey on Industry linked Best Institute.
7. MET-IOP received BEST COLLEGE AWARD by Student Welfare Board by SPPU in 2018-19.
8. MET IOP signed 10 MoU with different industries and two international MoU with Malaysia University and AsaiKasaei, Functional additive division, Japan.
9. Organized International Conference: ME-I-CON 2019 at MET IOP with participation of more than 250 delegates in Nashik.
10. MET IOP received Best Magazine award 2017 and 2018 by SPP University and IPA Championship Trophy 2018.
11. MET IOP Department of Pharmaceutics received grant of Rs. 19 Lakh from MODROB by AICTE 2019-20.

Profile Summary

1. Principal
2. Member: BOS Pharmaceutics, Science & Technology, SPP University
3. Accreditation Convener : NBA and NAAC
4. Coordinator College GB/LMC Meeting.
5. HOD Quality Assurance.
6. QIP & AICTE Grant Coordinator
7. Academic Research Coordinator (ARC)
8. Coordinator for Seminar and workshop
9. Convener International Conference

10. Advisor : AISSMS Pharma Graduate Association (Alumni Association)
11. D. Pharm Project Coordinator of MET Institute of D. Pharmacy
12. Secretary Industrial Advisory Committee MET IOP
13. Chairperson: IQAC Cell MET IOP
14. PCI Inspector

Personal Details

Date of Birth	:	25th Oct.1976
Marital Status	:	Married
Linguistic Proficiency	:	English/Hindi/Marathi

Declaration

I hereby declare that the above mentioned information is true to the best of my knowledge and belief.



Dr. Sanjay J. Kshirsagar