

BIODATA

1.	Name	Dr. SHWETHA S. KAMATH K.				
2.	Designation	Associate Professor				
3.	Date of Birth	27/06/1986				
4.	Residential Address	# 366, Gowri Madhava Krupa, 4 th Main, 9 th Cross, P. J. Extension, Davangere-577002.				
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7.	Qualification	Year of Passing	First Class/ Second Class	University	Field of specialization	
	B. Pharm	2009	First Class	RGUHS, Bangalore.	Pharmacy	
	M. Pharm	2012	Distinction (University 3 rd Rank)	RGUHS, Bangalore.	Pharmaceutics	
	Ph.D.	2025	-	Banasathali Vidyapith (Banasathali, Jaipur, Rajasthan)	Pharmaceutics	
8.	Date of Joining institution	02/08/2017				
9.	Experience					
Designation		From	To	Total		
				Years	Months	
Assistant Professor		30-08-2012	15-04-2016	03	08	
Assistant Professor		02-08-2017	31-05-2026	08	10	
Associate Professor		01-06-2026	Till date	00	02	
10.	KSPC Registration No.	42846	Date of Registration		18-01-2010	
11.	Publications					
1	Shwetha SKK , Kumar SK. Design and Characterization of Floating microspheres of Rabeprazole Sodium for Prolonged Gastric Retention. Am J Pharm Tech Res. 2012; 2(3):1-8					
2	Shwetha SKK , Kumar SK, Design and evaluation of floating microspheres of Rabeprazole Sodium. International Journal Of Pharmacy & Pharmaceutical Sciences (IJPPS)					
3	Kamath KS , Vinupama S, Kumar SK. Stomach specific floating drug delivery system:A review. Inventi Rapid: NDDS 2011: 4					

4	Shwetha SKK , K Kavitha. Floatable systems: A Boon to Novel Drug Delivery Systems Inventi Rapid: NDDS
5	Nayak S, Kamath S , HebbarS, Shabaraya A.R. Medicated chewing gum:A boon to oral dosage forms. Am. J. PharmTech Res. 2012; 2(6):151-161.
6	Hebbar S, Nayak S, Nayak S , Manja N, Shabaraya A.R. Formulation and Evaluation of Levofloxacin Dental Strips for Periodontitis Diseases. Am. J. PharmTech Res. 2013; 3(2):949-955.

7	Nayak S, KamathS ,PandyaAS,HebbarS,Shabaraya A.R.Formulation and Evaluation of Fast Dissolving Tablet of Caffeine By Sublimation Method.Inventi Rapid: Pharm Tech Vol. 2013, Issue 4.
8	Kamath S , Nayak S, Hebbar S, Shabaraya A.R. Formulation and evaluation of fast dissolving tablet of caffeine by using natural superdisintegrant. Inventi Rapid: Pharm Tech Vol. 2013, Issue 4.
9	Pandya A.S, Nayak S, Kamath S , Raulgi D.M, Shabaraya A.R. Design Development and Evaluation of Fast Dissolving Tablets of Loratadine by Direct Compression Method. Am J Pharm Tech Res. 2013; 3(5): 1-14
10	Raulji D.M, Kamath S ,Nayak S, Pandya A, Shabaraya A.R. Effect of Natural Superdisintegrants on the Fast Dissolving Tablet of Carvedilol by Sublimation Method. Am. J. Pharm Tech Res. 2013; 3(5):259-270
11	Peter R, Mahitha A V, Nayak S, Kamath S ,Shabaraya A.R.Spectroscopic Analysis of Flunarizine Dihydrochloride in Various Solvents. Inventi Rapid: Pharm Analysis & Quality Assurance Vol. 2013, Issue 4
12	Peter R, Nayak S, Kamath S , Shabaraya A.R. Formulation and Evaluation of Fast Dissolving Tablets of Flunarizine HCl by Sublimation Method Using Treated Agar As Super disintegrant. Int J Pharm chem. Sci 2014;3 (2):553-562
13	Peter R, Nayak S, Kamath S ,Shabaraya A.R. Formulation and Evaluation of Fast Dissolving Tablets of Flunarizine Hydrochloride by Sublimation method using Sodium Starch Glycolate as Superdisintegrant.Int.J. PharmTech Res.2014,6(3):1085-1095
14	Nayak S, Srinivasa U, Kamath KS , Shabaraya AR. UV spectroscopic analysis of Moxifloxacin HCL in simulated tear fluid. Int J Universal Pharmacy Bio Sci2015;4(5):11-15
15	Nayak S, Srinivasa U, Kamath KS , Shabaraya AR. Zero order and first order derivative spectroscopic analysis of Moxifloxacin HCL and ketorolac Tromethamine in simulated tear fluid. Pharmatutor2016;4(4):43-47
16	Vinupama S, Kamath KS , Keerthi TS, Kumar SK. Pulsatile drug delivery system: Review. Int Bulletin of Drug Res., 1(1): 19-31
17	Kamath KS , Vinupama S, Kumar SK. Stomach specific floating drug delivery system:A review.Inventi Rapid: NDDS Vol. 2011, Issue 4

18	Nayak S, Kamath K.S , Thimmasetty J, Kumar AKV, Manjunath KM, Prabhushankar GL. Determination of Minimum Inhibitory concentration of Moxifloxacin Hydrochloride by Cup plate method using Staphylococcus aureus and Escherichia coli. Saudi J Med Pharm Sci., 2018;4(5):645-50.
19	Nayak S, Rakshitha AS, Shwetha S . Study of post compression parameters of various marketed paracetamol tablets in India. Pharma tutor 2019;7(2):35-42.
20	Nayak S, M Pooja, Anjum A, Kamath S . Scientific approach to treat tobacco addiction- A review. Pharma tutor 2019: 7(5):10-14
21	Raheem A, Ranjeet S,Hiremath, Nayak S, Shwetha SKK . Formulation and comparative evaluation of ondansetron hydrochloride mouth dissolving tablets in India. Int J Pharmacy & Pharma Sci 2019;11(9):57-64
22	Raheem A, Juturu T, Nayak SN, Ghosh T, Kamath SSK , Naveen KS. Formulation of Paliperidone cocrystals as multicomponent systems for the functionality enhancement. RGUHS J of Pharma Sciences. 2019;9(4):38-51
23	Abdul Raheem Thayyil, Thimmasetty J, Shashank N, Shwetha K . Pharmaceutical Co-crystallization: Regulatory aspects, design, characterization, and applications. Adv Pharmaceutical Bulletin 2020.10(2):203-212. (Scopus Indexed)
24	J Thimmasetty, Tanmoy Ghosh, Shashank N, Shwetha K , Shanmuganathan S,Abbas K. Enhanced solubility of Modafinil via solubilization techniques. J of Young Pharmacists 2020;12(1):129-134. (Scopus Indexed)
25	Shwetha Kamath , Asha H, Anupama MK, Shashank Nayak N, Thimmasetty J. Post compression evaluation and in vitro dissolution assessment of various marketed diclofenac sodium tablets (50 mg) in India. World J Pharma Res.2020;9(13):840-55.
26	Thimmasetty J, Shashank NN, Raheem A, Shwetha SKK , Tanmoy G. Modafinil Cocrystals for altered Physicochemical Properties. Research J Pharm and Tech. 2021;14(9):4891-96. (Scopus Indexed)
27	Kruthika K Kalmath, Shwetha Kamath , Shashank Nayak N, Deepika DS, Thimmasetty J. Design and fabrication of modern taste masked medicated chocolates for an established proton pump inhibitor Lansoprazole for paediatric dosage form. World J Pham Res. 2022;11(6): 1037-58
28	Shashank Nayak N, Sindhu Renuka , Shwetha S Kamath K , Thimmasetty Jutturu Srinivas Hebbar. Design development and evaluation of microspheres loaded pH triggered <i>in-situ</i> ophthalmic gel of Moxifloxacin Hydrochloride as a method to control nasolacrimal drainage. Ind J of Natural Sci. 2023;14(80) :60595-605. (Web of Science Indexed)
29	Shashank Nayak N, Akanksha, Shwetha S Kamath K , Thimmasetty Jutturu. Application of soapcalc Calculator in the design, Development, and evaluation of exfoliating botanical soaps prepared by Melt pour method and cold process method. Ind J of Natural Sci. 2023;14(79) :59290-302. (Web of Science Indexed)

30	Shwetha S Kamath K , Sharda Sambhakar, Thimmasetty J, Shashank Nayak N . Introduction of new method for prediction for prediction of solubility parameter using aripiprazole as a model drug. Chemical Data Collection.44(2023)- 100997 (Scopus Indexed Q2 Journal Elsevier).
31	Shashank Nayak N, Sindhu Surendrappa Renuka, Shwetha S Kamath K , Thimmasetty Juturu, Srinivas Hebbar. Design, Development and Evaluation of Microsphere loaded pH triggered In situ ophthalmic gel of Moxifloxacin hydrochloride as a method to control nasolacrimal drainage. Ind J of Natural Science.2023;14(80):60595-60605. (Web of Science Indexed)
32	Shashank Nayak N, Akanksha, Ashwini S.K, Manoj M.J, Srusti B, Shwetha S Kamath K , Thimmasetty J. Formulation, and evaluation of antibacterial Moringa soap Prepared by Melt Pour and Cold Process Method. Research Journal of Topical and cosmetic sciences.2024;15(1).20-26.
33	Sharda S, Shwetha SKK . Thimmasetty J. Shashank NN. Bishambar Singh, Paramitha Das, Kalpesh M. Exploring the Solubility behavior of Nifedipine: Insights from Multiple Techniques. Russian Journal of Physical Chemistry B. 2024;18(5);1372-81. DOI: 10.1134/S1990793124701367 (Springer Q-3 Journal Impact Factor 1.4)
34	Sharda S, Shwetha SKK , Thimmasetty J. Shashank NN, Jayesh SP. Harnessing solubility parameter –based approaches to predict Aripiprazole’s solubility in solvent mixtures. Research Journal of Pharmacy and Technology.2024;17(11): 5547-54. DOI: 10.52711/0974-360X.2024.00847 (Scopus indexed Q-2 Journal)
35	Sharda S, Shwetha SKK . Thimmasetty J. Shashank NN. Bishambar Singh, Paramitha Das. Solubility behaviour of Aripiprazole in different solvent systems. RGUHS Journal of Pharmaceutical Sciences.2024;14(3):22-29. https://doi.org/10.26463/rjps.14_3_5 (Indexed in DOAJ)
36	Thimmasetty J, Shwetha S.K.K , Sharda S, Shashank N.N. Srinivas Hebbar, Bishambar Singh, Paramitha Das. Comprehensive Review of Solubility Parameters: Theoretical Foundations, Determination Methods, Practical Applications, and Limitations. Russian Journal of Physical Chemistry B- Springer Q-3 Journal-Impact factor 1.4
37	Sharda S, Shwetha S.K.K , Thimmasetty J, Shashank N.N, Bishambar S, Srinivas H, Paramitha D. Enhancement of nifedipine solubility using biocompatible and pharmaceutical solvents: a comparative study. Indian Journal of Natural Sciences.2025;15(88):87454-87463. (Web of Science indexed journal).
38	Shwetha S Kamath K , Saniya Mehaq, Shashank N, K.M Manjunatha, G.L Prabhushankar, Sindhu S R, Aishwarya H, Anu S, Shivshankar H.P. A review on gels in drug Delivery: Development, properties, Classification, and Novel Applications in Biomedical and Topical Formulations. Indian Journal of Natural Sciences.
39	Shashank Nayak N, Sindhu S.R, Shwetha S Kamath K . A Strategy for tackling nasolacrimal drainage through the fabrication for in-situ ocular hydrogels with Levofloxacin Hemihydrate loaded microspheres. Next Materials. (Elsevier Q-2 journal. Status- Under review).

15	Conference/Seminars/grants/Achievements
	ACHIEVEMENTS - Secured third rank in Rajiv Gandhi University of Health Sciences, Bangalore, Karnataka in Pharmaceutics Department in M Pharm (2012). GRANTS RECEIVED - Received 15,000 rupees grant from Rajiv Gandhi University of Health Sciences, Bangalore under Student Research domain. Title- “Design and fabrication of modern taste masked medicated chocolates for an established proton pump inhibitor Lansoprazole for paediatric dosage form.” Status of work-completed. - Received 30,000 rupees grant from Rajiv Gandhi University of Health Sciences, Bangalore under Student Research domain. Title- Employing soapcalc software to design, develop, and appraise exfoliating syndet bar soap formulated via melt pour and cold process method. Status of work-completed -Under progress - Co-investigator for Faculty research grant of 1,50,000 sanctioned from Rajiv Gandhi University of Health Sciences, Bangalore with the title “A strategy for tackling nasolacrimal drainage through the fabrication of <i>in-situ</i> ocular hydrogels with levofloxacin hemihydrate-loaded microspheres.” Status of work -Under progress. CONFERENCE/FDP ATTENDED AT INTERNATIONAL AND NATIONAL LEVEL/PRESENTED. - Attended the National conference on pharmaceutical sciences 2022 conducted by JSS College of Pharmacy Mysore. Presented poster on Exploring certain physicochemical properties of aripiprazole in the context of solubility behaviour on April 8th and 9th 2022. - Presented oral presentation of Best innovative practice at Manipal Pharmacy conclave 2022 on December 2022 on December 24th - AICTE training and learning (ATAL) Academy online FDP on Data Sciences from 6th to 10th November 2020 at Maliba Pharmacy College. - AICTE training and learning (ATAL) Academy online FDP on Telemedicine from 14th to 18th September 2020 at RMK Engineering College. - Online national awareness workshop on UGC-DAE CSR facilities organized by swayam cell from November 9-12th 2020. - One day national level seminar on “The Evolution of Modern trends in Pharmacy Practice” at SSIMS, Davanagere 2017. 2nd international conference on Current status & future prospective in pharmaceutical industry. PES college of pharmacy Bangalore 2012. - National seminar on Research implication & skill development in pharmaceutical industry. Adichunchanagiri College of Pharmacy BG Nagar 2012. - National seminar on Drug delivery the recent advances. Dayanand Sagar College of Pharmacy Bangalore 2010. Swayam online course certification (MOOCS)- Ministry of Health, Govt of India (NTA EXAMINATION) 1. Qualified Academic Writing course offered by Dr. Ajay Semalthy of HNB Garhwal University- conducted by National Testing Agency (NTA) Secured 86% and 4 credit points.

16.	Others	
	University paper setter	Yes
	Reviewer for journals	Yes
	Approved M.Pharm guide of RGUHS	Yes
	UG examiner of universities.....	Yes
	Ph.D. examiner at different levels of universities.....	No
	Editorial board member of the journal	Yes