


BIODATA

1.	Name	Dr. SHASHANK NAYAK. N				
2.	Designation	Associate Professor				
3.	Date of Birth	20/06/1987				
4.	Residential Address	# 366, Gowri Madhava Krupa, 4 th Main, 9 th Cross, P. J. Extension, Davangere-577002.				
5.	Contact No.	Mobile: 9449782085				
6.	E-mail	shashanknayak87@gmail.com				
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 (2 nd Rank RGUHS)	RGUHS, Bangalore.	Pharmaceutics	
	Ph.D	2018	-	Pacific University Udaipur	Pharmaceutics	
	Diploma (Regulatory Affairs)	2012	First Class	BII Noida	Pharma Regulatory Affairs	
8.	Date of Joining institution	17/06/2016				
9.	Experience					
Designation		From	To	Total		
				Years	Months	
Apprentice in Quality Assurance at Sanofi India Ltd, Goa.		27-01-2012	06-07-2012	00	06	
Asst. Professor- Srinivas College of Pharmacy, Mangalore		30-08-2012	15-04-2016	03	09	
Asst. Professor- Bapuji Pharmacy College, Davangere		17-06-2016	28-02-2021	04	08	
Associate Professor- Bapuji Pharmacy College, Davangere		01-03-2021	Till date	04	05	
10.	APTI Registration No.	KA/LM-1158	Date of Registration		August 2016	
11.	KSPC Registration No.	42811	Date of Registration		18-01-2010	

12.	PUBLICATIONS
1	Nayak S , Sogali BS. In situ ophthalmic gel a boon to ophthalmic drug delivery system –A review. <i>Inventi Rapid: NDDS</i> .2011.4.1-8.
2	Sogali BS, Yousuff M, Nayak S , Influence of natural gums for effective colon targeting of methotrexate for the treatment of colorectal cancer. <i>Int J Pharm</i> . 2012; 2(3): 498-506.
3	Nayak S , Sogali BS, Thakore RS. Formulation and evaluation of pH triggered in situ ophthalmic gel of Moxifloxacin Hydrochloride. <i>Int J Pharm Pharm Sci</i> . 2012; 4(2):452-59.
4	Nayak S , Kamath S, Hebbar S,Shabaraya A.R. Medicated chewing gum:A boon to oral dosage forms. <i>Am J Pharm Tech Res</i> . 2012; 2(6):151-161.
5	Hebbar S, Nayak S , Nayak S, Manja N, Shabaraya A.R. Formulation and Evaluation of Levofloxacin Dental Strips for Periodontitis Diseases. <i>Am J Pharm Tech Res</i> . 2013; 3(2):949-955.
6	Nayak S , Kamath S, Pandya AS, Hebbar S, Shabaraya A.R. Formulation and Evaluation of Fast Dissolving Tablet of Caffeine By Sublimation Method. <i>Inventi Rapid: Pharm Tech Vol</i> . 2013, Issue 4.
7	Kamath S, Nayak S , Hebbar S, Shabaraya A.R. Formulation and evaluation of fast dissolving tablet of caffeine by using natural superdisintegrant. <i>Inventi Rapid: Pharm Tech Vol</i> . 2013, Issue 4.
8	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. <i>Am J Pharm Tech Res</i> . 2013; 3(5): 1-14
9	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. <i>Am J Pharm Tech Res</i> . 2013; 3(5):259-270
10	Peter R, Mahitha A V, Nayak S , Kamath S,Shabaraya A.R. Spectroscopic Analysis of Flunarizine Dihydrochloride in Various Solvents. <i>Inventi Rapid: Pharm Analysis & Quality Assurance Vol</i> . 2013, Issue 4
11	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 Superdisintegrant. <i>Int J Pharm Chem Sci</i> 2014;3 (2):553-562
12	Vasavan Reshmy, Vyas Sridhar, Nayak S , Shabaraya AR. Microsponges a novel drug delivery system. <i>Am. J Pharm Tech Res</i> 2014: 4(2):9-22
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. <i>Int J Pharm Tech Res</i> .2014,6(3), 1085-1095.
14	Nayak S , Srinivasa U, Kamath KS, Shabaraya AR. UV spectroscopic analysis of Moxifloxacin HCL in simulated tear fluid. <i>Int J Universal Pharmacy Bio Sci</i> 2015:4(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. <i>Pharma tutor</i> 2016:4(4):43-47
16	Nayak S , Srinivasa U. Design and Evaluation of Ion Activated <i>In Situ</i> Ophthalmic Gel of Moxifloxacin Hydrochloride and Ketorolac Tromethamine Combination using Carboxy Methylated Tamarind Kernel Powder. <i>Saudi J of Medical and Pharma Sci</i> 2017:3(1):1-8

17	Nayak S , Srinivasa U. Design and Evaluation of pH triggered <i>In situ</i> ophthalmic gel of Moxifloxacin Hydrochloride and Ketorolac tromethamine combination. Int J of Current Res 2017;9(5):50444-50491.
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
24	J Thimmasetty, T Ghosh, Shashank N , A Raheem. Oral bioavailability enhancement of paliperidone by the use of co-crystallization and precipitation inhibition. J of Pharmaceutical Innovation 2020. Published online Springer January 29th 2020
25	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.
26	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.
27	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)
28	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) .
29	Aishwarya A.K, Shashank Nayak N , Thimmasetty Jutturu. Maiden use of carboxymethylated Tamarind Kernel Powder in the design ,Development and evaluation of melt in mouth films of Caffeine. Ind J of Natural Sci. 2023;13(76) :52797-805.

30	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.
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.
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 mixture 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, Paramita 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)
13	CONFERENCE/SEMINARS
	<ol style="list-style-type: none"> Conference attended- AICTE sponsored national seminar on drug delivery the recent advances at Dayanand Sagar college of Pharmacy Bangalore.30th July 2010. Workshop attended- RGUHS sponsored workshop on Applications of SAS and other Biostatistical software in Research at Visveswarapura Institute of Pharmaceutical Sciences Bangalore on 19th January 2011.

3. **Poster presentation** at “APTICON 2016” 21st Annual national convention at Manipal University, Manipal Held from October 14-16, 2016.
4. **Poster presentation** at “International conference on Challenges in Drug Discovery and Delivery (ICCD3)” Held from March 2-4, 2017 at BITS Pilani
5. **Workshop attended:** One day workshop on A comprehensive Understanding of Dissolution Testing organized by Indian Pharmaceutical Association and Sotax at Acharya and BM Reddy college of Pharmacy on 11th April 2017.
6. **Conference attended:** One day national level seminar on “The Evolution of Modern trends in Pharmacy Practice” at SSIMS Davanagere on 11th November 2017.
7. **Poster Presentation.** At KAAPTICON 2018 3RD annual convention of APTI, Raichur held from October 26TH and 27th 2018.
8. Attended AICTE sponsored FDP organized by Manipal College of Pharmaceutical Science from 30th September 2019 to 5th October 2019.
9. **E -Poster Presentation.**at COLLOQUIUM 2020 organized by JIS university on Innovation in Pharmacy and green chemistry in Post Covid-19 era. From 11th June to 13th June 2020.
10. AICTE training and learning (ATAL) Academy online FDP on Telemedicine from 14th to 18th September 2020 at RMK Engineering College.
11. AICTE training and learning (ATAL) Academy online FDP on Data Sciences from 6th to 10th November 2020 at Maliba Pharmacy College
12. AICTE training and learning (ATAL) Academy online FDP on Data Sciences from 11th to 15th January 2021 at Bharati Vidyapeeth’s Poona College of Pharmacy, Erandwane, Pune
13. AICTE training and learning (ATAL) Academy online FDP on Nano furtherance on Pharmaceutical Engineering: An industry perceive from 21st to 25th June 2021 at Nirmala college of Pharmacy.
14. AICTE training and learning (ATAL) Academy online FDP on Impact of blended learning in pharmaceutical education-: a Pedagogic perspective" from 15th to 19th November 2021 at Nirmala college of Pharmacy.

15. **Poster Presentation** at SPER 14th Annual International Conference and Exhibition (SPER 2025) at NGSIM institute of Pharmaceutical Science, Mangalore on 24th and 25th January 2025.

ACHIEVEMENTS/AWARDS

1. Secured **second rank** in Rajiv Gandhi University of Health Sciences, Bangalore, in Pharmaceutics Department in M Pharm (2012).
2. Won **1st place** in International E poster presentation in the category of “Drug analysis” in Colloquium 2020- Innovation in Pharmacy and green chemistry in post covid-19 Era. Organized by JIS University Kolkata.
3. Won **APTI ICT Educator award 2020**- Honorable mentions for online teaching during COVID days.
4. Won **1st Place in Manipal Pharmacy Conclave-2022** for the presentation on **Best innovative idea**.
5. Funded project by RGUHS got selected for **presentation at Pharma Anveshan organized by Pharmacy Council of India**, New Delhi on 6th March 2023.
6. Got **elected as Vice President** of Society of Pharmaceutical Education and Research -Karnataka State for a Period of 3 years (2025-2028)
7. Received **Best poster Presentation award** under faculty category at SPER 14th Annual International Conference and Exhibition on 24th and 25th January 2025 at NGSIM institute of Pharmaceutical Science, Mangalore.

GRANTS RECEIVED

1. Received 2 lakh rupees from Rajiv Gandhi University of Health Sciences, Bangalore under Faculty Research domain. Title- “An Approach to Combat Nasolacrimal drainage by the design and development of *In situ* ocular hydrogels containing microsphere loaded with Moxifloxacin Hydrochloride”. **Status of work- Completed**
2. Received 3 lakh rupees from Rajiv Gandhi University of Health Sciences, Bangalore under Faculty Research domain. Title- “Development of supersaturable modafinil delivery systems via solid state manipulation”. **Status of work- Completed.**

	<p>3. Received 15,000 rupees grant from Rajiv Gandhi University of Health Sciences, Bangalore under Student Research domain. Title- “Application of Soapcalc Software in the design, development and evaluation of polyherbal exfoliating botanical soap prepared by cold process and melt pour method”. Status of work- Completed</p> <p>4. Received 1.5 lakh rupees from Rajiv Gandhi University of Health Sciences, Bangalore under Faculty Research domain. Title- “A strategy for tackling nasolacrimal drainage through the fabrication of in situ ocular hydrogels with levofloxacin hemihydrate loaded microspheres.” Status of work- ongoing.</p> <p>Swayam online course certification- Ministry of Health, Govt of India</p> <p>1. Qualified Industrial Pharmacy-I course offered by Dr. Ajay Semalthy of HNB Garhwal University- Secured 4 credit points.</p> <p>2. Qualified Academic Writing course offered by Dr. Ajay Semalthy of HNB Garhwal University- Secured 4 credit points.</p>																										
14.	Others																										
	<table border="1"> <tr> <td data-bbox="261 1144 846 1180">University paper setter</td> <td data-bbox="846 1144 1443 1180">Yes</td> </tr> <tr> <td data-bbox="261 1180 846 1251">Member of core committee in B. Pharm syllabus framing</td> <td data-bbox="846 1180 1443 1251">No</td> </tr> <tr> <td data-bbox="261 1251 846 1323">Member of core committee in M. Pharm syllabus framing</td> <td data-bbox="846 1251 1443 1323">No</td> </tr> <tr> <td data-bbox="261 1323 846 1358">Reviewer for journals</td> <td data-bbox="846 1323 1443 1358">Yes</td> </tr> <tr> <td data-bbox="261 1358 846 1394">Member of BOS</td> <td data-bbox="846 1358 1443 1394">No</td> </tr> <tr> <td data-bbox="261 1394 846 1465">Observer/Squad of BEA conducting exams/RGUHS conducting exams</td> <td data-bbox="846 1394 1443 1465">Yes</td> </tr> <tr> <td data-bbox="261 1465 846 1501">Approved M.Pharm guide of RGUHS</td> <td data-bbox="846 1465 1443 1501">Yes</td> </tr> <tr> <td data-bbox="261 1501 846 1537">Approved Ph.D. guide of RGUHS</td> <td data-bbox="846 1501 1443 1537">No</td> </tr> <tr> <td data-bbox="261 1537 846 1572">UG examiner of universities.....</td> <td data-bbox="846 1537 1443 1572">Yes</td> </tr> <tr> <td data-bbox="261 1572 846 1608">PG examiner of universities.....</td> <td data-bbox="846 1572 1443 1608">No</td> </tr> <tr> <td data-bbox="261 1608 846 1680">Ph.D. examiner at different levels of universities.....</td> <td data-bbox="846 1608 1443 1680">No</td> </tr> <tr> <td data-bbox="261 1680 846 1715">Editorial board member of the journal</td> <td data-bbox="846 1680 1443 1715">No</td> </tr> <tr> <td data-bbox="261 1715 846 1789">Co-investigator for projects of other disciplines</td> <td data-bbox="846 1715 1443 1789">Yes</td> </tr> </table>	University paper setter	Yes	Member of core committee in B. Pharm syllabus framing	No	Member of core committee in M. Pharm syllabus framing	No	Reviewer for journals	Yes	Member of BOS	No	Observer/Squad of BEA conducting exams/RGUHS conducting exams	Yes	Approved M.Pharm guide of RGUHS	Yes	Approved Ph.D. guide of RGUHS	No	UG examiner of universities.....	Yes	PG examiner of universities.....	No	Ph.D. examiner at different levels of universities.....	No	Editorial board member of the journal	No	Co-investigator for projects of other disciplines	Yes
University paper setter	Yes																										
Member of core committee in B. Pharm syllabus framing	No																										
Member of core committee in M. Pharm syllabus framing	No																										
Reviewer for journals	Yes																										
Member of BOS	No																										
Observer/Squad of BEA conducting exams/RGUHS conducting exams	Yes																										
Approved M.Pharm guide of RGUHS	Yes																										
Approved Ph.D. guide of RGUHS	No																										
UG examiner of universities.....	Yes																										
PG examiner of universities.....	No																										
Ph.D. examiner at different levels of universities.....	No																										
Editorial board member of the journal	No																										
Co-investigator for projects of other disciplines	Yes																										