

# RESUME

**Name:** Dr. Jane T Jacob  
**Designation:** Associate Professor  
**Area of Specialization:** Pharmaceutical Chemistry  
**Date of Birth:** 5<sup>th</sup> July  
**Date of Joining NGSMIPS:** 15<sup>th</sup> February 2001  
**Teaching Experience:** 17 years  
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## Academic Qualification:

Degree	College	University	Year
B.Pharm	Manipal College of Pharmaceutical Sciences	Mangalore University	1987-1991
M.Pharm	Manipal College of Pharmaceutical Sciences	Mangalore University	1994-1996
Ph.D	NGSM Institute of Pharmaceutical Sciences	RGUHS , Bengaluru	May 2007

- **Recognized postgraduate teacher:** since Dec 2003 under Rajiv Gandhi University of Health Sciences, Bengaluru and May 2009 onwards under Nitte University, Mangalore .
- **Recognized Ph.D guide:** in Pharmaceutical Sciences since April 2011 under Nitte University, Mangalore.

## Positions held in the Department of Chemistry at NGSM Institute of Pharma Sciences

Positions	Year
Associate Professor	2009 till date
Assistant Professor	2007-2009
Senior Lecturer	2001-2007
Lecturer	1997-1999

### Research Projects:

**M.Pharm Project title:** Azomethines and Indole derivatives of certain diphenyl ethers for biological activities.

**Ph.D Research title:** HPLC and Spectrophotometric estimation of some new drugs in bulk & pharmaceutical formulation.

### Ph.D Research Projects:

Sl. No.	Title	Name of the Student	Year of Completion
1.	Analytical method development and validation of selected drugs in pharmaceutical formulations	Mr. Sreekanth Nadig	Completed
2.	Development and validation of analytical method for estimation of drugs in pure and pharmaceutical dosage form	Mr. Sarif Niroush Konari	Completed
3.	Validation of analytical methods of some drugs in bulk and dosage forms	Mrs. Srilakshmi D	Submitted
4.	Impurity profiling in some anti infective agents	Ms. Neethu Mathew Valooran	Ongoing

### Completed Research Projects:

Sl No:	Title	PI/CI	Year of completion
1.	Spectroscopic Estimation of Tenofovir, Alafenamide, an antiretroviral drug	CI	April 2015
2.	In silico drug designing of some substituted pyrimidines as antitubercular agents	PI	May 2016

### Completed M.Pharm projects

Sl No	Title	Name of Student	Year of completion
1.	Analytical methods for the estimation of Aliskiren and Amlodipine in Bulk & Pharmaceutical Formulation.	Mrs. Sista Sri Lakshmi.	2011
2.	Simultaneous Estimation of Metoprolol and Telmisartan by RP-HPLC & UV Spectroscopy.	Mr. Mani Prasad P. R	2011
3.	Estimation of Topiramate in Bulk & Pharmaceutical Formulation.	Mr. L Gaurav kumar M	2011
4.	Analytical Methods to estimate Locosamide in Bulk & Pharmaceutical Formulation.	Mr. Ladani Dhaval	2011
5.	Newer methods to estimate rizatriptan in bulk and pharmaceutical formulation	Mr. Devin M. Dadhaniya	2010
6.	Newer method to estimate balsalazide in bulk and pharmaceutical formulation	Mr. Patel Vikas	2010
7.	Newer method to estimate pravastatin in bulk and pharmaceutical formulation	Mr. Jani Vishal M	2010
8.	Newer method to estimate quetiapine in bulk and pharmaceutical formulation	Mr. Amit Bangad	2010
9.	Newer methods to estimate Paliperidone in Pharmaceutical formulation	Mr. Joshi Chintan	2009
10.	Newer methods to estimate Candesartan in bulk & Pharmaceutical formulation	Mr. Aghera Jonils	2009
11.	Spectrophotometric Newer method development of clopidogrel in bulk as well as in formulation	Mr. Jasmin	2008
12.	Spectrophotometric Newer method development of cefepime in bulk as well as in formulation	Mr. Dekivadia Prashanth	2008
13.	Newer Methods for the estimation of Duloxetine in Pharmaceutical Formulations.	Mr. Gaurav Gandhi	2007
14.	Newer Methods for the estimation of Ezetimibe in Pharmaceutical Formulations.	Mr. Chetan M.B	2006

#### Completed student projects as co-guide:

Sl No:	Title	Name of student	Year of completion
1.	Spectrophotometric Determination of Chlorpropamide and Glibenclamide.	Mr. Dhudasiya Amit	March 2006
2.	Spectrophotometric Determination of Phenformin and Glimepiride.	Mr. Nimesh Patel,	March 2006.
3.	Spectrophotometric Determination of Pantoprazole and Famotadine.	Mr. Subba Reddy,	July 2004

### Seminars conducted

Sl No:	Title	Conducted by	Date & year	Place
1.	One day seminar on "Perspectives in new drug discovery".	Dept. of Pharma Chem	3 nov 2016	NIBF Auditorium, Paneer Campus
2.	One day seminar on "Role of CADD in Drug Design & Development"	Dept. of Pharma Chem	26th Nov 2015	NIBF Auditorium, Paneer Campus
3.	Trends in Clinical Research: An Overview	Dept of Pharma chem	12 <sup>th</sup> Nov 2013	NIBF Auditorium, Paneer Campus
4.	National seminar on "Basic concepts of CADD & its applications in Pharmacy" organized by NGSIM Institute of Pharmaceutical Sciences, Paneer	Dept of Pharma chem	5 <sup>th</sup> Feb 2010	Seminar Hall, K.S. Hegde charitable hospital, Deralakatte

### Paper Presented

Sl. No.	Title of the Paper	Name of the Conference/ Workshop, Place and Year	Authors	National/ International
1.	A stability indicating UPLC method for simultaneous estimation of Emtricitabine, Tenofovir disoproxil fumarate and Efavirenz in pharmaceutical dosage form.	Indian Society of Chemists & Biologists, CDRI, Lucknow. 6-8 Feb2017 , SRM university, Chennai	Jane Jacob, Sreekanth Nadig	International
2.	Amrita Pharmaceutical Conference (APC 2014) on "Infectious Diseases- A Medicinal Chemistry Perspective", "Simultaneous estimation of Metoprolol and Telmisartan in bulk and dosage form"	29 <sup>th</sup> and 30 <sup>th</sup> Aug 2014 Amrita Vishwa Vidyapeetham University , Kochi, Kerala	Jane Jacob, Mani Prasad	National
3.	65th Indian Pharmaceutical Congress 2013 "Stability indicating RP-HPLC for the simultaneous estimation of Lamivudine, Emtricitabine, Tenofovir and Efaviranez"	20th - 22nd December, 2013, Amity University, Noida	Jane Jacob, Sreekanth Nadig	National

4.	Analytical methods developed for the estimation of Rizatriptan in bulk & pharmaceutical formulation	8 <sup>th</sup> -10 <sup>th</sup> Dec 2011 Mangalore University, Mangalagangothri, Mangalore	Jane Jacob, Devin M. Dadhaniya	International
5.	Analytical methods for the estimation of paliperidone	15 <sup>th</sup> Annual national convention of APTI 1-2 Oct 2010 Hyderabad.	Jane J, Joshi Chintan, Aghera Jonils	National

### Conferences attended

Sl No:	Title	Date & year	Place
1.	23 <sup>rd</sup> ISCB international conference on "Interface of chemical biology in drug research"	8-10 Feb, 2017	SRM university, Chennai
2.	National conference on "Role of organic chemical intermediates in cognitive disorders and mental health.	17-18 Feb, 2017	NIA Auditorium, Paneer.
3.	Workshop on new chemical entities & biosimilars: strategies for design & development.	18-21 Jan, 2016	Manipal college of pharmacy, Manipal.
4.	33 <sup>rd</sup> Annual Conference of Indian Association of Biomedical Scientists International Symposium on "Recent Trends and Advances in Biomedical Research- An Integral Approach"	1-3 Nov, 2012.	Nitte University, Mangalore
5.	Three days International conference on Synthetic & structural Chemistry, organized by Mangalore University, Mangala Gangothri.	8-10 Dec, 2011	Mangalore University, Mangala Gangothri, Mangalore
6.	Conservation of medicinal plants & preservation of traditional medicinal plant knowledge base	4-5 Aug 2011	NGSMIPS, Deralakatte, M'lore
7.	15 <sup>th</sup> Annual National Convention of Association of Pharmaceutical Teachers of India	2-3 Nov 2010	Shilpakala Vedika, Hyderabad.
8.	National level workshop on "Innovative Trends in Pharmaceutical Research" by NGSMIPS	28-29 July 2010	KSHEMA, Deralakatte, M'lore
9.	One day National seminar on "Basic concepts of CADD & its applications in Pharmacy" organized by NGSM Institute of Pharmaceutical Sciences, Paneer	5 <sup>th</sup> Feb 2010	Seminar Hall, K.S. Hegde charitable hospital, Deralakatte, Mangalore
10.	Three-day workshop on 'Cheminformatics and approaches Drug design'	11-13 Dec 2009	VIT University, Vellore
11.	Two day's National technical symposium on "Novel concepts in Pharmaceutical research"	16-17 July 2009	KSHEMA, Deralakatte, M'lore

12.	One day regional seminar on “Qualitative research methodology and regulatory affairs”	8th April 2008	KSHEMA, Deralakatte, M’lore
13.	Research Methodology, Biostatistics and ethical aspects of research.	25- 26 Aug 2004.	R.G.U.H.S Bangalore
14.	I.S.T.E short term training program conducted standardization techniques for herbal formulation sponsored by AICTE, New Delhi	25th Nov –5th Dec 2002.	J.S.S College of Pharmacy, Ooty.
15.	42th Indian Pharmaceutical Congress	Dec 1990	College of Pharmaceutical Sciences, Manipal,

### Publications:

SI No:	Title	Journal	Volume & year	Authors
1.	Spectroscopic estimation of Tenofovir Alafenamide, an antiretroviral drug.	Research J. of Pharm and Tech	. 9(5) ,may 2016 538-540	Pankaj Kumar, Jane J*,K Ajina, Jazeela, Fathima
2.	Quantitative Estimation of Daclatasvirin Drug Substances and Formulated Drug Products by UPLC	<i>Der Pharmacia Letter</i>	8(13);280-284,2016	Sreekanth Nadig, Jane J*
3.	RP- HPLC Method Development and Validation for Simultaneous Estimation of Olopatadine and Montelukast	(AJMPS) Asian Journal of medical and pharmaceutical sciences	2016, 4(2): 61–67	Sri Lakshmi D*, Jane T Jacob2, Srinivaas Sastry D
4.	A stability indicating RP-HPLC assay method for simultaneous estimation of Abacavir, Lamivudine, Nevirepine and zidovudine in pharmaceutical dosage form	Research J. of Pharm and Tech	9(11) nov 2016;1985-1990	Sreekanth Nadig, Jane J*
5.	Stability indicating validated UPLC technique for the simultaneous analysis of raltegravir and lamivudine in pharmaceutical dosage forms	HIV & AIDS Review	2016(15), 161-169	Sarif Niroush Konari , Jane J
6.	Simultaneous estimation of Aliskeren and Amylodipine & its validation	World journal of Pharmaceutical Research	5(2) 2016,879-88	SriLakshmi D, Jane Jacob
7.	Stability Indicating Validated RP-HPLC Technique for the Analysis of Multi component Anti diabetic Drug Combos in Pharmaceutical	Journal of karbala international journal of modern sciences	2016	Sarif Niroush Konari, Jane T Jacob

	Dosage Forms.			
8.	Stability indicating LC-analytical method development and validation for the simultaneous estimation of flucloxacillin and amoxicillin in pharmaceutical dosage form.	Journal of Tabiah University for Science	9,2015:67–176	Sarif Niroush Konari, Jane T Jacob
9.	Application of Analytical Validated High-Performance Thin-Layer Chromatographic Technique for the Multicomponent Analysis of Cardiovascular Drug Combos in Pharmaceutical Dosage Form.”	J P C,	28 (5) 2015,354–361	Sarif Niroush Konari, Jane T Jacob
10.	UPLC Method for quantitative estimation of Emtricitabine Impurities in Formulated drug.	Der Pharmacia Letter,;	7(2): 2015,160-164.	Sreekanth Nadig, Jane T Jacob
11.	Simultaneous estimation of Fexofenadine and Montelukast sodium by RP-HPLC & its validation	International Journal of medicinal chemistry & analysis	5(2) 2015,99-104	SriLakshmi D, Jane Jacob
12.	Validated HPTLC technique for simultaneous estimation of candesartan celexetil and hydrochlorthiazide in pharmaceutical dosage form.	Saudi Journal for Health Sciences, ,	3(3), 2014,141-6	Sarif Niroush Konari, Jane T Jacob*
13.	Simultaneous estimation of Metoprolol and Telmisartan Dosage form.	Research J. Pharm and Tech,	2014, 7 (9), 1020-1024	Jane J, Mani Prasad
14.	Stability Indicating Isocratic RP-HPLC DAD Method for the Simultaneous Estimation of Flucloxacillin and Ampicillin in Pharmaceutical Dosage Form: Application for Routine Drug Analysis in Quality Control Laboratories and Clinical Pharmacokinetic Studies	Inventi Impact: Pharm Analysis & Quality Assurance,	(3)2014	Sarif Niroush Konari, Jane T Jacob*
15.	A Stability Indicating Reverse Phase HPLC Method for Simultaneous Estimation of Lamivudine, Emtricitabine, Tenofovir Disoproxil Fumarate and Efavirenz in Pharmaceutical Dosage Forms	Inventi Rapid: Pharm Analysis & Quality Assurance,	(2)2014	Sreekanth Nadig, Jane T Jacob
16.	Development and Validation of Analytical Methods for	Research J. Pharm. and Tech.	6(10): October	Jane Jacob*, Jani Vishal M

	Pravastatin		2013; Page 1116-1120	
17.	Development & Validation of RP-HPLC method for the simultaneous estimation of Prasugrel & Aspirin in bulk & pharmaceutical dosage form	Inventi Rapid:Pharm Analysis & Quality Assurance	01(2013)	Konari SN,*Jacob J
18.	Estimation of Rizatriptan in bulk & pharmaceutical formulation	Asian Journal of Research in Chemistry	5(9) 2012	*Jane J, Devin MD, P Vikas, Vishal M,Amit B
19.	Spectrophotometric determination of Artesunate in bulk and dosage forms	Inventi Rapid:Pharm Analysis & Quality Assurance	04(2012)	Tejas MD, *Jane Jacob, EVS Subramanyam
20.	Analytical methods for the estimation of Candesartan in pharmaceutical formulation	Journal of Pharmacy Research	4(11),2011,	Jane J, Aghera Jonils & Joshi Chintan Kumar
21.	Analytical methods for the estimation of Paliperidone.	Int.J.Res.Pharm.Sci	2(2),2011,15 8-161	Jane J, Joshi Chintan Kumar & Aghera Jonils
22.	Spectrophotometric Methods for the Estimation of Duloxetine	Journal of Pharmacy Research.	4(2),2011,38 0-381	Jane J* and Gaurav Kumar
23.	HPLC and Spectrophotometric estimation of Ezetimibe	Int J. Res in Pharm & Biomed Sci (IJRPBS)	Vol. 2, Issue 1, January 2011.	Chetan MB*, Jane J and EVS Subrahmanyam
24.	Estimation of Clopidogrel in Bulk and Pharmaceutical Formulations	Asian J. Research Chem.	3(4): Oct. - Dec. 2010,1086- 1089	Jane J*, Jasminkumar M.V. and Prasanth D
25.	HPLC and colorimetric methods for the estimation of Cefepime”	Research Journal of Pharmacy and Technology	2010,3(1),10 2-105	Jane J, Prashant kumar D, EVS Subrahmanyam,
26.	Spectrophotometric Determination of Certain Cephalosporins	Asian Journal of Chemistry	2006, 18(1), 721-723	J. Jane, E.V.S. Subrahmanyam and D. Satyanarayana,
27.	UV Visible spectroscopic	Indian Drugs, 2005,	42(5), 322-	J. Jane, E.V.S.



	methods for the estimation of Cefdinir		323.	Subrahmanyam & D. Satyanarayana
28.	Spectrophotometric Determination of Gatifloxacin”,	Asian Journal of Chemistry	2006, 18(4), 3211-3212.	J. Jane, E.V.S. Subrahmanyam & D. Satyanarayana
29.	HPLC Analysis of Ceftriaxone and Ceftizoxime	Asian Journal of Chemistry	2006, 18(4), 3209-3210.	J. Jane, E.V.S. Subrahmanyam & D. Satyanarayana
30.	Spectro photometric determination of artesunate in bulk and dosage forms.	Inventi Rapid: Pharma Analysis and quality assurance,	2012 (4), 2012, 1-4.	Jane Jacob, Tejas.D, EVS Subramayam,
31.	Estimation of Rizatriptan in bulk and pharmaceutical formulation	Asian Journal Research Chem	5(9) September 2012, 1104-1107	Jane Jacob, Devin m Dadhaniya, P Vikas, Jani Vishal M, Amith B,..
32.	Development and Validation of RP-HPLC Method for the Simultaneous Estimation of Prasugrel and Aspirin in Bulk and Pharmaceutical Dosage Form	Inventi Rapid: Pharm Analysis & Quality Assurance	2012(1).	Konari S N, Jane Jacob
33.	Development and Validation of analytical methods for Lacosamide	Research journal of Pharm and Tech	5(6) 2013	Jane J , Ladani Dhaval
34.	Development and Validation of Analytical Methods for Pravastatin	Research Journal of Pharmacy and Technology	Vol. 6, No. 9, September 2013	Dr. Jane T Jacob
35.	A stability indicating RP-HPLC method for simultaneous estimation of Emtricitabine, Tenofovir disoproxil fumarate and Efavirenz in pharmaceutical dosage forms	Int. J. Res. Pharm. Sci	4(2), 391-396 2014	Sreekanth Nadig, Jane T Jacob, Ishwar Bhat, Kishoreraju V
36.	A stability indicating RP-HPLC method for simultaneous estimation of Lamivudine,	Inventi Rapid: Pharm Analysis and Quality Assurances	2014, (2), 1-6	Sreekanth Nadig, Jane T Jacob

	Emtricitabine, Tenofovir disoproxil fumarate and Efavirenz in pharmaceutical dosage forms.			
37.	Stability Indicating Isocratic RP-HPLC DAD Method for the Simultaneous Estimation of Flucloxacillin and Ampicillin in Pharmaceutical Dosage Form: Application for Routine Drug Analysis in Quality Control Laboratories and Clinical Pharmacokinetic Studies	Inventi Rapid: Pharm Analysis & Quality Assurance	2014(2):1-7, 2014	Sarif Niroush Konari, Jane T Jacob
38.	Simultaneous estimation of metoprolol and telmisartan in dosage form	RJPT	7(9), 2014, 1020-1024	Jane J. and Mani Prasad,

### **Membership / registration**

- Life Member: Indian Pharmaceutical Association (IPA)
- Life Member of Association of Pharmacy Teachers of India (APTI)
- Life Member of Indian Council of Chemistry (ICC).

### **Subjects Teaching**

- Medicinal Chemistry I (B.Pharm)
- Medicinal Chemistry-II (M.Pharm)
- Medicinal Chemistry (Pharm D)

### **Subjects Taught**

- Medicinal Chemistry II (B.Pharm)
- Pharmaceutical & Biomedical Analysis (B.Pharm)
- Medicinal Chemistry II (M.Pharm)