

CURRICULUM VITAE

Dr. JAINEY P. JAMES, M.Pharm., Ph.D.

Asst. Professor

Department of Pharmaceutical Chemistry

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Highly systematized and dedicated, with a positive attitude and thrive on working in a challenging environment

WORK EXPERIENCE

Assistant Professor in Pharmaceutical Chemistry Department (May 3rd 2010 to till date) at Nitte Gulabi Shetty Memorial Institute of Pharmaceutical Sciences, Nitte University, Deralakatte, Mangaluru.

ACADEMIC PROFILE

Ph.D

Nitte University, Mangaluru, Karnataka
2011-2015

M.Pharm

Rajiv Gandhi University of Health Sciences, Bangalore
Nitte Gulabi Shetty Memorial Institute of Pharmaceutical Sciences, Mangaluru, Karnataka
2008-2010

B.Pharm

The Tamil Nadu Dr. M.G.R Medical University, Chennai
P.S.G College of Pharmacy, Coimbatore, Tamil Nadu
2003-2007

ACHIEVEMENTS

Secured 5th rank in Rajiv Gandhi University of Health Sciences, Bangalore in Examinations of M.Pharm (Pharmaceutical Chemistry) 2008-2010

Won the best poster award for the topic "Microwave Synthesis and Biological Activity Studies of Pyrazol-1-Carboxamide derivatives" in. **5th International Conference -2015 held at PES College of Pharmacy, Bangalore, Karnataka**

RESEARCH AREA OF INTEREST

- Synthetic Chemistry
- *In Silico* Drug Design
- Nanoparticles formulations

ACADEMIC COMPLETED PROJECTS

- **“Topical Delivery of Synthesized Pyrazoline Nanoparticles for Promoting Antimicrobial Effect”** Nitte university funded project with the grant amount of Rs.44,000/- (Principal investigator)
- **“In-silico physicochemical, drug-like properties and toxicity studies of some novel synthesized pyrimidine derivatives”** Nitte university funded project with the grant amount of Rs. 20,000/- (Co-investigator)
- **Guided - In Silico Drug Designing of Some Substituted Pyrimidines as Antitubercular Agents**
- **“Nanoparticulates as topical drug delivery system for Polyherbal extracts”** Nitte university funded project with the grant amount of Rs. 52,000/- (Co-investigator)
- **Co-guided - “Screening of Phytochemical and Biological activity of dried fruit extracts of *Artocarpus gomezianus*”**
- **“Synthesis and Screening of Some Biologically Active Five, Six, Seven Membered Novel Heterocyclic Compounds”** - Under the guidance of Prof (Dr.) K.Ishwar Bhat, M.Sc., Ph.D., NGSMIPS, Mangalore. (2011-2015)
- **“Synthesis, Characterization and Biological Activity Studies of Some Substituted Pyrazolines and Pyrimidines”**- Under the guidance of Prof (Dr.) K.Ishwar Bhat, M.Sc., Ph.D., NGSMIPS, Mangalore. (2010)
- **“Formulation and Optimization of Rifampicin Niosomes”**- Under the guidance of Mr. Sankar .V, M.Pharm , Asst Prof, PSG College Of Pharmacy, Coimbatore. (2007)

ACADEMIC ONGOING PROJECTS

Nitte University Funded Project

- Investigator for the project **“Design of Potent Tankyrase Inhibitors based on Synthesized Pyrimidine loaded Nanoparticles as Cancer Targeting Agents”** under the Nitte University Faculty Start-up Research Grant for the amount Rs 1,75,000.
- Co-Investigator for the project entitled **“Microwave assisted synthesis of silver nanoparticles from *Spondias pinnata* bark extract: A green chemistry approach”** for the amount Rs 1,75,000.
- Co- Investigator for the project **“Application of quality by design approach for formulation, evaluation and optimization of ropinirole hydrochloride loaded ethosomes via transdermal route”** under Nitte University Faculty Start-up Research Grant for the amount Rs 1,00,000

DEPARTMENTAL ACTIVITIES

- Organized two day national conference on “**Role of Organic Chemical Intermediates in Cognitive Disorders and Mental Health**” by department of Pharmaceutical Chemistry, NGSM Institute of Pharmaceutical Sciences, Nitte University, Mangalore.
- Organized one day seminar on “**Perspectives on New Drug Discovery**” by department of Pharmaceutical Chemistry, NGSM Institute of Pharmaceutical Sciences, Nitte University, Mangalore.
- Organized one day seminar on “**Role of CADD in drug design and development**” by department of Pharmaceutical Chemistry, NGSM Institute of Pharmaceutical Sciences, Nitte University, Mangalore.
- Member of organizing committee of **33rd Annual Conference of Indian association of Biomedical Scientists 2012 held** on 1st, 2nd and 3rd Nov 2012 at Nitte University, Mangalore, Karnataka.

PUBLICATIONS

Name of the Journal & Issue	Authors & Title of the Paper
1. Journal of Young Pharmacists 2017;9(3):352-356.	Divya Jyothi, Marina Koland, Sneha Priya, Jainey P James Formulation of Herbal Capsule Containing Trigonella Foenum-Graecum Seed Extract for the Treatment of Diabetes.
2. Asian Journal of Pharmaceutical and Clinical Research 2017;10(4):456-459	Jainey P James , Ishwar Bhat K, Neethu Jose Synthesis, <i>In Silico</i> Physicochemical Properties and Biological Activities of Some Pyrazoline Derivatives
3. Journal of Young Pharmacists 2017;9(1):78-82	Divya Jyothi, Sneha Priya, Jainey P. James Development of Nanoparticulate Hydrogel Loaded with <i>Crossandra infundibuliformis</i> Extract
4. Journal of Indian Chemical Society. 2015;92:945-950.	Jainey PJ , Ishwar Bhat K Synthesis, Antitumor and Antioxidant activity studies of Cyanopyridones
5. Indian Journal of Heterocyclic Chemistry. 2014;24:81-86	K Ishwar Bhat and P. J. Jainey Synthesis, Biological and Pharmacological Evaluation of Some Azetidinone Derivatives Carrying 2-Isopropyl-5-Methyl-1-Phenol Moiety
6. Asian Journal of Pharmaceutical and Clinical Research. 2014;7:237-239	Ishwar Bhat K, Jainey P J Antimicrobial Studies of Some Substituted Pyrazoline Derivatives Derived from Acetyl Hydrazines
7. Asian Journal of Pharmaceutical Clinical Research. 2014;7:111-114	Jainey PJ , Ishwar Bhat K. Microwave assisted synthesis of novel pyrimidines bearing benzene sulfonamides and evaluation of anticancer and antioxidant activities
8. Indian Journal of Heterocyclic Chemistry. 2013;23:171-176	P.J. Jainey , K. Ishwar Bhat and Manoj Kumar Singh. Microwave Induced Synthesis of Novel Benzo[1,4]Diazepines as Potential Antitubercular and Antitumor agents
9. Asian Journal of Biochemical and	P.J. Jainey , K. Ishwar Bhat

	Pharmaceutical Research. 2013;2(3): 8-14	Antitumor and Antitubercular Activities, Microwave Assisted Synthesis of Some Chalcones
10.	Asian Journal of Pharmacy and Life Science. 2012;2 (4):394-405	Manoj Kumar Singh Chauhan, Nitin Kumar, Jainey P James , K. Ishwar Bhat, Md. Samiullah Synthesis, characterization and biological activity studies of some Benzodiazepine and isoxazoline derivatives via common intermediate Chalcone
11.	Journal of Young Pharmacists. 2012;4(2):83-87	Jainey PJ , Bhat IK Antitumor, Analgesic, and Anti-inflammatory Activities of Synthesized Pyrazolines
12.	Indian Journal of Heterocyclic Chemistry. 2011;20:309-312	Jainey P. James and Ishwar K. Bhat. Synthesis of Thiophen-2-yl pyrimidines as antitumor, analgesic and anti-inflammatory agents
13.	Journal of Pharmacy Research May 2011; 4(5): 1361-1362.	Ishwar K. Bhat, Sunil Kumar Mishra, Jainey P. James , Shastry C.S. Synthesis and antimicrobial studies of azetidinone derivatives from sulphadiazine moiety
14.	Journal of Chemical and Pharmaceutical Research 2011; 3(3):114-118.	Ishwar K. Bhat, Sunil Kumar Mishra, Jainey P. James , Shastry C.S. Antimicrobial studies of synthesized azetidinone derivatives from sulphamethazole moiety

PRESENTATIONS

Conference / Seminar / Any other professional programme		Title
1.	14th & 15th July 2017 DBT & DST sponsored national seminar on Lipid drug Conjugates in Drug Delivery	e-Poster presentation Physicochemical properties and ADMET studies of some synthesized thiopyrimidine derivatives
2.	6 th May 2017 SERB & DST sponsored National symposium on Impact of Genetic Variations on the Drug Receptor Targets and its explorations	Poster presentation Synthesis, Antitubercular Activity and Docking Studies of Novel Pyrazoline Derivatives
3.	7th - 9th March 2017 Dubai International Pharmaceuticals & Technologies Conference & Exhibition, DUPHAT-2017 at Sheikh Rashid Hall, Dubai International Convention & Exhibition Centre, Dubai	Poster presentation Microwave synthesis, molecular docking and anti-tubercular studies of some novel pyrimidine derivatives
4.	29 th – 30 th July 2016 DST sponsored 1st International Conference on Innovations in Pharmaceutical Sciences (ICIPS-2016) at Gurunanak Institutions Technical Campus School of Pharmacy, Ibrahimpatnam, Hyderabad, Telangana	Oral Presentation Synthesis and molecular modeling studies of novel pyrazoline analogs as shikimate kinase inhibitors
5.	8 th - 9 th May 2016 2nd International Young Scientist Congress -2016, Mother Theresa Post Graduate and Research Institute of Health Science, Puducherry	Poster presentation Synthesis, <i>in silico</i> physicochemical, druglikeness properties and antioxidant studies of pyrimidine derivatives
6.	22 nd – 23 rd January, 2016 DBT & DST sponsored Convention of Association of Pharmacy Professionals Anna University, BIT Campus, Tiruchirappalli, Tamil	Poster presentation Microwave assisted synthesis of pyrazolines bearing isonicotinyl hydrazides as antitubercular, anticancer and antioxidant

	Nadu Published in the abstract booklet "New Horizons in Translational Medicine. 2016;3:30-61"	agents
7.	15th November 2015 National Seminar on Novel Pharmaceutical Technologies: Challenges and Opportunities Manipal College of Pharmaceutical Sciences, Manipal, Karnataka	Poster presentation Cytotoxicity Studies of Some Synthesized Novel Cyanopyridines
8.	17 th & 18 th October 2015 5th International Conference on " Next Generation Pharmacist in Pharmaceutical Industry & in Clinical Practice " PES College of Pharmacy, Bangalore, Karnataka	Poster presentation Microwave Synthesis and Biological Activity Studies of Pyrazol-1-Carboxamide derivatives
9.	25 th -27 th July 2014 International Conference on Emerging Trends in Drug Discovery Amrita University, Coimbatore, Tamil Nadu	Oral Presentation Antidiabetic, Antitumor Activities and Microwave Synthesis of Pyrazoline Derivatives
10.	5 th -7 th February 2014 International Conference on "Chemistry-Frontiers & Challenges" PSGR Krishnammal College for Women, Coimbatore, Tamil Nadu	Oral presentation <i>In vitro</i> antitumor, anti-tubercular activities and microwave synthesis of Benzodiazepine derivatives
11.	5-7 th December 2013 International Conference on Emerging Trends in Chemical Sciences (IETC) VIT University, Vellore, Tamil Nadu	Poster presentation Synthesis, Antitumor and Antioxidant activity studies of Cyanopyridones
12.	25 th - 27 th October 2013 APTI-18th Annual convention-2013 Vikas Institute of Pharmaceutical Sciences Rajahmundry, Andhra Pradesh	e-Poster presentation Synthesis of Pyrimidine bearing benzene sulfonamide as antitumour and anti-tubercular agents
13.	1st -3rd November 2012 33rd Annual Conference of Indian association of Biomedical Scientists-2012 Nitte University, Mangalore, Karnataka	Oral presentation Conventional and microwave techniques for the synthesis of 3-(anthracenyl-9-yl)-1-(aryl substituted) prop-2-en-1-ones as antitumour and anti-tubercular agents
14.	16 th - 18 th December 2011 63rd Indian Pharmaceutical Congress 2011 Bangalore, Karnataka	Poster presentation Anticancer studies of some heterocycles derived from chalcones against DLA cell lines
15.	17 th - 19 th December 2010 62nd Indian Pharmaceutical Congress 2010 Manipal college of Pharmacy, Manipal, Karnataka	Poster presentation Utility of Thiophenes in the Synthesis of Novel Pyrimidines as Antitumor, Analgesic, Anti Inflammatory Agents
16.	20th - 21st August 2010 2nd International Conference on Current status and future perspective in pharmaceutical sciences PES College of Pharmacy, Bangalore, Karnataka	Oral presentation Cytotoxicity Studies and Synthesis of Pyrazolines and Pyrimidines via Common Intermediate Chalcones
17.	9th March 2010 One Day Users Meeting- SAIF Bangalore held on 9th Mar 2010 NMR Research Centre, Indian Institute of Science,	Poster presentation Synthesis, Characterization and Anticancer Activities of Substituted Pyrazolines

	Bangalore	
18.	30th January 2010 International conference on drug delivery PSG College of Pharmacy, Coimbatore, Tamil Nadu	Poster presentation Formulation and Optimization of Rifampicin Niosomes

WORK SHOPS / SYMPOSIA/ CONFERENCE

NAME OF THE WORK SHOPS / SYMPOSIA/ CONFERENCE		Venue and Date
1.	DBT & DST sponsored national seminar on Lipid drug Conjugates in Drug Delivery	14 th & 15 th July 2017 JSS College of Pharmacy, Ooty
2.	SERB & DST sponsored National symposium on Impact of Genetic Variations on the Drug Receptor Targets and its explorations	6 th May 2017 Nirmala College of Pharmacy Muvattupuzha, Kerala
3.	Dubai International Pharmaceuticals & Technologies Conference & Exhibition, DUPHAT-2017, organized by INDEX Conferences & Exhibitions	7th - 9th March 2017 Sheikh Rashid Hall, Dubai International Convention & Exhibition Centre, Dubai
4.	AICTE sponsored QIP program on the theme "Emerging Insights & Approaches in Pharmacological and Phytochemical Research"	4th February 2017 – 10th February 2017 Manipal College of Pharmaceutical Sciences, Manipal, Karnataka
5.	Two day national conference on "Role of Organic Chemical Intermediates in Cognitive Disorders and Mental Health"	17-18 th February 2017 NGSM Institute of Pharmaceutical Sciences, Nitte University, Mangalore.
6.	One day workshop on "Biosafety guidelines and practices for healthcare and research"	13 th Jan 2017 Nitte University, Mangalore
7.	National Seminar on Pharmacoeconomics and Patient safety	11 th Jan 2017 Nitte University, Mangalore
8.	National Seminar on "Perspectives on New Drug Discovery"	3 rd November 2016 NGSM Institute of Pharmaceutical Sciences, Nitte University, Mangalore
9.	DST sponsored 1st International Conference on Innovations in Pharmaceutical Sciences (ICIPS-2016)	29 th – 30 th July 2016 Gurunanak Institutions Technical Campus School of Pharmacy, Ibrahimpatnam, Hyderabad, Telangana
10.	2nd International Young Scientist Congress -2016	8 th - 9 th May 2016 Mother Theresa Post Graduate and Research Institute of Health Science, Puducherry, India
11.	DBT & DST sponsored Convention of Association of Pharmacy Professionals	22 nd – 23 rd January, 2016 Anna University, BIT Campus, Tiruchirappalli, Tamil Nadu
12.	National Seminar on "Role of CADD in drug design and development"	26 th November 2015 NGSM Institute of Pharmaceutical Sciences, Nitte University, Mangalore
13.	National Seminar on Novel Pharmaceutical Technologies: Challenges and Opportunities	15 th November 2015 Manipal College of Pharmaceutical Sciences, Manipal, Karnataka
14.	5th International Conference on " Next Generation Pharmacist in Pharmaceutical Industry & in Clinical Practice "	17 th & 18 th October 2015 PES College of Pharmacy, Bangalore, Karnataka
15.	IPA convention 2014	8 th August 2014

		NIMHANS Convention Centre, Bangalore
16.	International Conference on Emerging Trends in Drug Discovery	25 th -27 th July 2014 Amrita University, Coimbatore, Tamil Nadu
17.	Workshop on Computer Aided Drug Design and Pharmacogenomics	23 rd -27 th July 2014 Amrita University, Coimbatore, Tamil Nadu
18.	International Conference on “Chemistry–Frontiers & Challenges”	5 th -7 th February 2014 PSGR Krishnammal College for Women, Coimbatore, Tamil Nadu
19.	International Conference on Emerging Trends in Chemical Sciences (IETC)	5-7 th December 2013 VIT University, Vellore, Tamil Nadu
20.	APTI–18th Annual convention-2013	25 th - 27 th October 2013 Vikas Institute of Pharmaceutical Sciences Rajahmundry, Andhra Pradesh
21.	ICMR sponsored one day workshop on “Medicinal Plants and Mental Health”	6 th Sep 2013 NGSMIPS, Mangalore, Karnataka
22.	33rd Annual Conference of Indian association of Biomedical Scientists-2012	1 st -3 rd November 2012 Nitte University, Mangalore, Karnataka
23.	63rd Indian Pharmaceutical Congress 2011	16 th - 18 th December 2011 Bangalore, Karnataka
24.	ICMR sponsored one day seminar on “Conservation of medicinal plants and preservation of traditional medicinal plant knowledge base”	4 th - 5 th August 2011 NGSMIPS, Deralakatte, Mangalore
25.	62nd Indian Pharmaceutical Congress 2010	17 th - 19 th December 2010 Manipal college of Pharmacy, Manipal, Karnataka
26.	2nd International Conference on Current status and future perspective in pharmaceutical sciences	20 th - 21 st August 2010 PES College of Pharmacy, Bangalore, Karnataka
27.	National level workshop on “Innovative Trends in Pharmaceutical Research”	July 28 th and 29 th 2010 NGSMIPS at KSHEMA, Deralakatte, Mangalore
28.	One Day Users Meeting- SAIF Bangalore held on 9th Mar 2010	9 th March 2010 NMR Research Centre, Indian Institute of Science, Bangalore
29.	National seminar on “Basic Concepts of CADD & its Application in Pharmacy”	5 th Feb 2010 NGSMIPS, Mangalore
30.	International conference on drug delivery	29 th -30 th January 2010 PSG College of Pharmacy, Coimbatore, Tamil Nadu
31.	3rd IAPST Annual National Convention 2009	15 th November 2009 Manipal Institute of Pharmaceutical Sciences, Manipal
32.	National level technical symposium on “Novel Concepts in Pharmaceutical Research	July 16 th & 17 th 2009 NGSMIPS, Mangalore
33.	Regional Seminar on “Qualitative Research Methodology and Regulatory Affairs”	8 th April 2009 NGSMIPS, Mangalore

TRAINING / COURSES ATTENDED

- **Attended AICTE sponsored QIP program** on the theme “Emerging Insights & Approaches in Pharmacological and Phytochemical Research” from 4th February 2017 – 10th February 2017.
- **Training on using computational tools in drug designing at Innovative Informatica Technologies, Hyderabad** for a period of 45 days from 10th April 2016 to 25th May 2016.
- **DBT sponsored training on Recent Approaches in Molecular Docking and its Significance in Drug Discovery** organized by Bioinformatics centre, College of Horticulture, Kerala Agricultural University, Thrissur from 11th to 15th May 2015.
- **Pre conference Training on Computer Aided Drug Design and Pharmacogenomics**, Organized by Computational Chemistry Research Group, Amrita University, Coimbatore, Tamil Nadu on 23rd -25th July 2014.
- Attended 40 hour course on “**Research Methodology & Biostatistics**” organized by Nitte University, Mangalore on 14th to 19th May 2012.
- **Industrial training** at Microlabs, Bangalore for one month.
- **Pharmacist training** at Paalana Hospital, Palakkad for 3 months.
- **Industrial training** at Agastya Biopharm Pvt Ltd, Palakkad for 3 months.

TECHNICAL SKILLS

- **CADD softwares** like Discovery Studio and Autodock

EXTRA CURRICULAR ACTIVITIES

- Rendered voluntary services in NSS camp activities of PSG College of Pharmacy, Coimbatore.
- Coordinator of the literary committee and organized many literary events and competitions.
- Active member of cultural committee and organized many college programs and conducted cultural competitions.

PROFESSIONAL REGISTRATION

- Life member of Association of Pharmaceutical Teachers of India (APTI)- KA/LM-930
- Registered Pharmacist of Kerala State Pharmacy Council (35931)

SUBJECTS TEACHING

- Pharmaceutical Organic Chemistry
- Medicinal Chemistry

PERSONAL PROFILE

Residential address:

Kudakasseril House,
Ayyappankavu,
Pirayiri,
Palakkad - 678004
Kerala.

FATHER'S NAME : P.C. James

HUSBAND'S NAME : Aneesh K. Stanley

DATE OF BIRTH : 27/10/1985

NATIONALITY : Indian

MARITAL STATUS : Married

MOTHER TONGUE : Malayalam

DECLARATION:

I hereby declare that all the information furnished above is true to the best of my knowledge.

Date : 01/08/2017

Place : Mangalore

(Jainey P. James)