

## CURRICULUM VITAE

- 1. Name** : Dr. JAGADEESH PANDA
- 2. Date of Birth** : 12<sup>th</sup> February 1970
- 3. Designation** : Professor and Principal
- 4. Address** : Raghu College of Pharmacy, Dakamarri, Visakhapatnam-531 162,  
Andhra Pradesh, India.  
Email: [jagadeeshpanda@yahoo.co.in](mailto:jagadeeshpanda@yahoo.co.in)  
Tel: 9177779084 (O), 9490302033 (R)

### 5. Education:

Degree	Institute/ University	Subject	Year
Ph. D.	Berhampur University	Pharmaceutical Chemistry ( <i>Studies on the Synthesis and Pharmacological Activity of Some Nitrogen Heterocycles</i> )	2004
M. Pharm.	Andhra University	Pharmaceutical Chemistry ( <i>Bioactive Metabolites from a Marine Sponge of the Indian Ocean</i> )	1995
B. Pharm.	Andhra University	Med. Chemistry, Ph. Analysis, Pharmacology, Pharmacognosy, Pharmaceutics etc.	1993

### 6. Teaching Experience:

Designation	Institution	Duration
<i>Principal and Professor</i>	Raghu College of Pharmacy, Visakhapatnam, India.	Since Sept 2007
<i>Principal and Professor</i>	Yalmarty Pharmacy College, Visakhapatnam, Andhra Pradesh, India.	Mar 2005 - Aug 2007
<i>Professor</i>	Roland Institute of Pharmaceutical Sciences, Berhampur, Odisha, India.	Dec 2004 - Mar 2005
Senior Lecturer	Roland Institute of Pharmaceutical Sciences, Berhampur, Odisha, India.	Nov 2002 - Dec 2004
Lecturer	Roland Institute of Pharmaceutical Sciences,	Nov 1995 - Dec 2002

	Berhampur, Odisha, India.	
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### 7. Fields of Teaching and Research Interest:

- **M. Pharm:** Q. A & GMP, Drug Regulatory Affairs, Modern Analytical Techniques, Methods Development & Validation, Advanced Ph. Analysis.
- **B. Pharm:** Ph. Chemistry, Medicinal Chemistry, Ph. analysis, Pharmacognosy, Pharmaceutical Jurisprudence, QA & GMP

### 8. Areas of Current Research:

- Analytical Methods Development of newly developed pharmaceutical products including cosmetics and application of quantum mechanics and molecular dynamics.
- Profiling of degradation-related pharmaceutical impurities by chromatographic, spectroscopic and hyphenated techniques.
- Method Development using LC-MS and other hyphenated techniques.
- New drug discovery
- Retro-synthetic analysis
- Designing new routes of synthesis

### 9. Research Publications:

- 1) Gopal Krishna Padhy, Deepankar Rath, Pallishree Bhukta, Ladi Alik Kumar, Kamini Sethy, **Jagadeesh Panda**, Saroj K. Raul, Ajaya K. Behera. (2023). Synthesis Of Novel Benzimidazole-Pyrazoline Hybrid Molecules As Antibacterial And Anticancer Agent. *Journal of Pharmaceutical Negative Results*, 521–526. <https://doi.org/10.47750/pnr.2023.14.S01.61>
- 2) Kota, P., Sahu, P.K., Palla, M.S. J. Panda. Pharmacognostic and pharmacological perspectives of *Leeamacrophylaroxb.* *ADV TRADIT MED (ADTM)* (2022). <https://doi.org/10.1007/s13596-022-00656-0>
- 3) Anita Raj Panigrahi, Lankalapalli Srinivas, Jagadeesh Panda, Exosomes: Insights and therapeutic applications in cancer, *Translational Oncology*, Volume 21, 2022, 101439, ISSN 1936-5233, <https://doi.org/10.1016/j.tranon.2022.101439>.
- 4) Padmaja Kota, Jagadeesh Panda, Mary Sulakshana Palla, & Anita Raj Panigrahi. (2022). Formulation and Evaluation of Pain relief Herbal roll on: <https://doi.org/10.54037/WJPS.2022.100502>. *World Journal of Pharmaceutical Sciences*, 10(05), 52–55

- 5) P. Naresh, B. Pramodh, S. Naveen, S. Ganguly, J. Panda, K. Sunitha, W. Maniukiewicz, N.K. Lokanath, Cis and trans isomers of 1-(5-bromothiophen-2-yl)-3-(10-chloroanthracen-9-yl)prop-2-en-1-one: Synthesis and characterization, *Journal of Molecular Structure*, Volume 1236, 2021, 130228, ISSN 0022-2860, <https://doi.org/10.1016/j.molstruc.2021.130228>.
- 6) B. Pramodh, P. Naresh, S. Naveen, N.K. Lokanath, S. Ganguly, J. Panda, S. Murugesan, A.V. Raghu, Ismail Warad, Synthesis, spectral characterization, crystal structure and theoretical investigation of (E)-3-(4-bromothiophen-2-yl)-1-(5-bromothiophen-2-yl)prop-2-en-1-one, *Chemical Data Collections*, Volume 31, 2021, 100587, ISSN 405-8300, <https://doi.org/10.1016/j.cdc.2020.100587>.
- 7) Palla, M.S., Guntuku, G.S., Sahu, P.K. Jagadeesh Panda. Statistical optimization of anticandida metabolite production process using *Streptomyces hydrogenans* strain from mangrove soils. *SN Appl. Sci.* **2**, 1908 (2020). <https://doi.org/10.1007/s42452-020-03734-7>
- 8) Prafulla Kumar Sahu, **Jagadeesh Panda**, Y.V.V. Jogendra Kumar, P.L.L. Manisha. 2020. Stress Testing of Crisaborole by a novel Stability Indicating RP-HPLC Method. *SN Applied Sciences*. DOI: 10.1007/s42452-020-2276-4.
- 9) Prafulla Kumar Sahu, **Jagadeesh Panda**, Y.V.V. Jogendra Kumar, S. KarunyaRanjitha. 2020. A Robust RP-HPLC Method for Determination of Turmeric Adulteration. *Journal of Liquid Chromatography & Related Technologies*. DOI: 10.1080/10826076.2020.1722162. [IF: 0.987]
- 10) **Jagadeesh Panda**, 2019, An overview on pharmaceutical cocrystals, *Indian journal of pharmaceutical science and research*, IJPSR 8012/2019
- 11) Gopal K. Padhy, **Jagadeesh Panda**, Ajaya K. Behera 2017. Synthesis and characterization of novel benzimidazole embedded 1,3,5-trisubstituted pyrazolines as antimicrobial agents. *Journal of the Serbian Chemical Society*; Serbian Chemical Society 82(9), 985-993. **1.015**
- 12) Ramya.Madhiri\*, Vijayalaksmi .G ,Ganga Rao .B, Padma Dorothy.K and **Jagadeesh Panda**, 2018 Phytochemical analysis and invitro antimicrobial properties of *Alstoniascholaris* flowers against endodontic pathogens *World journal of pharmaceutical research Wjps* ISSN 2277-7105 VOL 7 1 JUNE 2018. **0.8**
- 13) Ramya.Madhiri\*, Vijayalaksmi .G ,Ganga Rao .B, Padma Dorothy.K and **Jagadeesh Panda**, 2018 Phytochemical analysis and invitro antimicrobial properties of *Alstoniascholaris* flowers against endodontic pathogens *World journal of pharmaceutical research wjps* ISSN 2277-7105 VOL 7 1 JUNE 2018, **0.8**
- 14) RamyaMadhiri\* **Jagadeesh Panda**, 2018 A review on phytochemistry and pharmacological aspects of *Derris scandens* (Roxb.) Benth. *Innoriginal International Journal of Sciences*, IJJS5(3), 1-4. **0.5**.
- 15) AshyaShaik, Kishore Naidu Killari, **Jagadeesh Panda**, 2018, A review on anthocyanins: a promising role on phytochemistry and pharmacology, *Int. Res. J. Pharm.*, IRJP, 9 (1), 1-9.

- 16) **Jagadeesh Panda**, 2018, antioxidant, anti-inflammatory and antimicrobial activity of whole plant of *tecomacapensisthumb.international journal of pharmacognosy*, **ugc approved**
- 17) Prafulla Kumar Sahu, **Jagadeesh Panda**, Suryakanta Swain, 2018, Chemometric Assisted Ion-Pair Chromatography of Metaxolone and Diclofenac in Binary Mixture: A Mechanistic Study., *Indian Journal of Pharmaceutical Education and Research*, IPA-APTI52(2); 293-304. **0.3**.
- 18) B. Pramodh, N.K. Lokanath, S. Naveen, P. Naresh, S. Ganguly, **J. Panda**, 2018, Molecular structure, Hirshfeld surface analysis, theoretical investigations and nonlinear optical properties of a novel crystalline chalcone derivative: (E)-1-(5-bromothiophen-2-yl)-3-(p-tolyl)prop-2-en-1-one. *Journal of Molecular Structure* Elsevier - 1161 (2018) 9e17, **1.753**
- 19) **Jagadeesh panda**, PadalaAleky, 2018, How to conduct an effective literature review and its management, *International Journal of Education and Psychological research*, vol 7 issue 3, **1.533**.
- 20) Prafulla Kumar Sahu, R. NageswaraRao, Teresa Cecchi, Suryakanta Swain, Chandra SekharPatro, **Jagadeesh Panda**, 2018, An Overview of Experimental Designs in HPLC Method Development and Validation. *Journal of Pharmaceutical and Biomedical Analysis*, Elsevier, 147, 590-611. DOI: 10.1016/j.jpba.2017.05.006, **3.255**.
- 21) Gopal K. Padhy, **Jagadeesh Panda**, Ajaya K. Behera, 2017, Synthesis and characterization of novel benzimidazole embedded 1,3,5-trisubstituted pyrazolines as antimicrobial agents. *Journal of the Serbian Chemical Society* Serbian Chemical Society 82(9), 985-993. **1.015**.
- 22) VenkataSwamyTangeti, G. V. Siva Prasad, Jagadeesh Panda & Ramesh Varma. K. 2016. One Pot Multicomponent Diastereoselective Synthesis of Novel dihydro-1H-furo[2,3-c]pyrazoles. *Synthetic Communications: An International Journal for Rapid Communication of Synthetic Organic Chemistry*. 46(10). (In press)
- 23) Gopal K. Padhy, Jagadeesh Panda, Ajaya K. Behera, Saroj K. Raul. 2016. Synthesis and characterization of novel 2-(2-benzyl-1H-benzo[d]imidazol-1-yl)acetohydrazone derivatives as antibacterial agents. *Der Pharmacia Lettre*, 8(16), 57-63.
- 24) Gopal K. Padhy, Jagadeesh Panda, Ajaya K. Behera. 2016. Synthesis and characterization of novel benzimidazolechalcones as antibacterial agents. *Der PharmaChemica*, 8(13), 235-241.
- 25) Padmaja Kota, GanapatySeru, DebatriBiswas, Jagadeesh Panda, U. Joshna, J. Swathi, V. Saraswathi, P. Lalitha. 2016. Comparative studies of central nervous system depressant activity on ethanolic extract of *AllmaniaNodiflora* (L.) R.Br.Exwight and *Euphorbia Hirta*. *International Journal of Research in Pharmacy and Chemistry*. 6(1), 68-74.
- 26) Padmaja Kota, KeerthiSammata, **Jagadeesh Panda**, M. Uma Rani, R. Vaishna and K. Nagaraju, 2015. Comparative studies of central nervous system depressant activity on hydroalcoholic extract of *acalyphaindica* and *crotonbonplandianum*. *International Journal of Pharmaceutical, Chemical and Biological Sciences*, 5(1), 249-252.

- 27) NareshPanigrahi, Swastika Ganguly, **Jagadeesh Panda**, Y. Praharsha, 2014. Ultrasound Assisted Synthesis and Antimicrobial Evaluation of Novel ThiopheneChalcone Derivatives. *Chem Sci Trans.*, 3(3), 1163-1171.
- 28) Prafulla Kumar Sahu, Surya Kant Swain, GV Siva Prasad, **Jagadeesh Panda**, YLN Murthy, **2014**. RP-HPLC Method for Determination of Metaxalone Using Box-Behnken Experimental Design. *Journal of Applied Biopharmaceutics and Pharmacokinetics*, 2 (2) 40-49.
- 29) SreeramamurthyPyla, K. Srinivas, Jogendrakumar YVV, **Jagadeesh Panda** and P. Sandhya Rose, **2014**. Development and Validation of RP-HPLC Method for the Estimation of Voriconazole in Bulk and Pharmaceutical Dosage Form. *Chem Sci Trans.*, 3(4), 1576-1582.
- 30) KeerthiSammeta, Padmaja Kota, **Jagadeesh Panda**, DVSN. Adithya, SwathiChowdary, A. Ram Kumar, M. Ravi Teja, D. Swamy and P. Indira, **2014**. AntihyperLipidemic Activity of Ethanolic Extract of *TridaxProcumbensL.**International Journal of Pharmaceutical, Chemical and Biological Sciences*, 4(4), 874-877.
- 31) Sree Rama Murthy Pyla, Jogendra Kumar YVV, **Jagadeesh Panda**, Vara Prasad A, N.Sriram, **2013**. Development and validation of new RP-HPLC method for paclitaxel in bulk and its pharmaceutical dosage form. *International Journal of Pharmaceutical Research & Analysis*. 3(2), 56-60.
- 32) SreeramamurthyPyla; K. Srinivas; Y. V. V. Jogendrakumar; **Jagadeesh Panda**, **2013**. Development and Validation of New Analytical Method for Paclitaxel in Bulk and Pharmaceutical Dosage Form by Reverse Phase HPLC (RP-HPLC). *International Journal of Pharma& Bio Sciences*, 4 (3), 534.
- 33) TutunMitra, SnigdhaPattnaik, **Jagadeesh Panda**, Prafulla Kumar Sahu, B. K. Rout, P. Sri Rama Murthy, R. K. Sahu. **2012**. Formulation and evaluation of salbutamol sulphatemucoadhesive sustained release tablets using natural excipients. *Journal of Chemical and Pharmaceutical Sciences*, 5(2), 62-66.
- 34) VijayalakshmiGudaparthi, K. Bharathi and **Jagadeesh Panda**, **2010**. Synthesis, Characterization and Cardioprotective Activity of Some Novel Benzotriazole and Pyrazole Derivatives. *Asian Journal of Chemistry*, 22 (7), 5323-5330.
- 35) P. VenkatRao, S. MukundaValli, T. Prabhakar, S. Suneetha and **Jagadeesh Panda**, **2008**. Clinical and pharmacological review on novel atypical antipsychotic drug: Paliperidone. *Biomedical and Pharmacology Journal*, 1 (1).
- 36) P. Sudhir Kumar, **Jagadeesh Panda** and B.V.V. Ravi Kumar, **2003**. Convenient Synthesis of 3-(2-Pyridyl)- and 8-(2-Pyridyl) Carbostyrils. *Asian Journal of Chemistry*, 15(1), 75-78.
- 37) **Panda Jagadeesh**, Srinivas S. V., Rao M. E. Bhanoji, Panda C. **2002**. Synthesis and antimicrobial activity of some pyrazoline derivative of 4 (3H)-quinazolinones. *Journal of the Indian Chemical Society*, 79 (9), 770-771.

- 38) K.E.V. Nagoji, **Jagadeesh Panda**, S. SrinivasaRao and S.S. Patro, **2002**. Determination of Nimesulide in Dosage Formulations by Reverse Phase High Performance Liquid Chromatography. *Asian Journal of Chemistry*, 14(1), 339-343.

**10. RESEARCH GUIDANCE:**

Number of Doctorate (Ph.D.) students guided	: 02
Number of postgraduate (M. Pharm.) students guided	: 15
Number of graduate (B. Pharm.) students guided	: 20

**11. Participated in more than 25 National and International Conferences and Faculty Development Programs.**

**a) Paper Presentations:**

<b>Program</b>	<b>Paper(s) Participated</b>	<b>Dates</b>
68th Indian Pharmaceutical Congress-2016, Andhra University, Visakhapatnam, 16-18 December 2016.	Loc member and cochairman for transport committee.	Dec. 2017
UGC sponsored International conference on "Industry-CCRS Congress 2014", Coastal Chemical Research Society, Mrs. AVN College & Andhra University.	Chemometric assisted RP-HPLC method to determine metaxalone and diclofenac	Dec. 2014
National Seminar on "Emerging Trends in Analytical Sciences", IICT, Hyderabad	Chemometric approach for RP-HPLC determination of metaxalone and its base hydrolytic impurities	Nov. 2013
	Development and validation of an ion pair-RPHPLC method for simultaneous determination of metaxalone and diclofenac potassium in human urine	Nov. 2013
HPLC-2013, Hobart, Australia	Chemometric approach for RP-HPLC determination of metaxalone	Nov. 2013
3rd World Congress on Bioavailability & Bioequivalence: Pharmaceutical R & D Summit. Hyderabad, India	Molecular modelling studies of Oxazolidinone antibiotics in E. Coli ribosome.	Mar. 2012

IPA & APTI Orissa State Level Convention	Organic Synthesis and Retrosynthetic Analysis	Mar. 2006
APTI-2005, Nagpur University, Nagpur	An overview on ISO 9000-2000	2005
International Convention of APTI, Andhra University	Synthesis and antimicrobial evaluation of some new chalcones of 3-amino-2-substituted quainazolin-4(3H)-one	2004
XIII Annual Conference, Orissa Pharmacological Society	Synthesis of some Schiff bases of 3-amino-3-methyl/phenyl- quainazolin-4(3H)-one, 4-amino antipyrine and their antimicrobial activity	Nov. 2003
Workshop on Anti-AIDS Drugs for working pharmacist, RIPS, Berhampur	Anti-AIDS Drugs	2002
16 <sup>th</sup> Annual Conference, Orissa Chemical Society	Synthesis and evaluation of analgesic and antibacterial activity of 4-substituted antipyrine analogues	Dec. 2002

**b) QIPs/ FDPs/ Workshops attended**

1. 2-Days Internal Auditor (Quality Systems) Training Programme during 16-17 June 2005.
2. The workshop on “Anti-AIDS Drugs” during 41<sup>st</sup> National Pharmacy Week-2002, Roland Institute of Pharmaceutical Sciences, Berhampur, Odisha.
3. PCI-WHO Sponsored Professional Training Programme for Pharmacists during April 1-5, 2001, Roland Institute of Pharmaceutical Sciences, Berhampur, Odisha.
4. All India Council of Technical Education & Indian Society for Technical Education sponsored Short-Term Training Programme for Pharmacy Teachers on “Emerging Areas in Pharmaceutical Sciences” during 27<sup>th</sup> December 1999 to 8<sup>th</sup> January 2000.

**c) Acted as a Convener for organizing National Conferences:**

1. International Conference on “**Emergent Strategies for Impurity Profiling**”, co-organized by Indian Society of Analytical Scientists (ISAS)- Hyderabad Chapter, CSIR-IICT and Raghu College of Pharmacy, Visakhapatnam during 16-17<sup>th</sup> July 2016.

2. **DHANVANTARI - 2k14**, two days national conference on “**Global Challenges in Parenteral Formulations and Regulatory Aspects**” during 11<sup>th</sup>-12<sup>th</sup> July 2014 at Raghu College of Pharmacy, Visakhapatnam.
  3. National Conference on “**Application of Nanotechnology in Pharmacy**” during 14<sup>th</sup> July 2012 at Raghu College of Pharmacy, Visakhapatnam.
  4. Two days Workshop on “**Basic Statistics & Pharmaceutical Statistical Applications**” during 12<sup>th</sup>-13<sup>th</sup> November 2011 at Raghu College of Pharmacy, Visakhapatnam.
  5. National Conference on “**Recent Trends in Pharmaceutical Sciences**” during 10<sup>th</sup> July 2010 at Raghu College of Pharmacy, Visakhapatnam.
- d) **Evaluator/ LOC member for Seminars/Conferences/Workshops**
1. 68th Indian Pharmaceutical Congress-2016, Andhra University, Visakhapatnam, 16-18<sup>th</sup> December 2016.
  2. 18th Annual National Convention of Association of Pharmaceutical Teachers of India (APTICON-2013) on “Enhancing Quality of Pharmacy Education and Research to meet Global Challenges” at Vikas Institute of Pharmaceutical Sciences, Rajahmundry, Andhra Pradesh, 25<sup>th</sup> to 27<sup>th</sup> October 2013.
  3. Pharmacon-2007 at AU College of Pharmaceutical Sciences, Andhra University, Visakhapatnam, India.

## **12. Professional Service:**

- a) Governing body member, Raghu College of Pharmacy (since 2007)
- b) Departmental Curriculum Revision/Course Revision and Integration, Andhra University (2013)
- c) Governing body member, Yalmarty Pharmacy College (2005-2007)
- d) National Advisory Member for 19<sup>th</sup> Annual Convention and 2<sup>nd</sup> International Conference of the Society of Pharmacognosy (2015)
- e) Webmaster, Raghu College of Pharmacy (since 2007)
- f) Research Participation Coordinator/ Research Proposal Reviewer (2007)
- g) Doctoral Research Supervisor, BITS Mesra; Berhampur University; and Sambalpur University

## **13. Professional Memberships/ Certifications:**

- a) Life member, APTI (OR/LM-065)
- b) Life member, IPA
- c) Life member, Orissa Chemical Society
- d) Fellow and life member of Indian Chemical Society



**Instrumentation skills:**

- SHIMADZU HPLC system (LC-10 Ai, Japan) with pump (LC-10 Ai), a system controller (SCL-10 AVP), auto injector (SIL-10 ADVP) and diode array detector (SPD-M10 AVP), Class LC10 software (Version 1.6).
- U V & Visible Double beam Spectrophotometer (Shimadzu 1800/ ELICO SL 159 / Analytical Technologies).

**Dr.Jagadeesh Panda**