

FACULTY DETAILS

- I. Name:** Dr. Rajesh Babu Yarlagadda
II. Designation: Professor & HOD
III. Date of Joining: 01-10-2016
IV. Date of Birth: 08-04-1979
V. Email Id: rajeshyarlagadda@sucp.ac.in, yraj79@gmail.com.
VI. Educational Qualification:



- 1. B. Pharm:** NET College of Pharmacy, Rajiv Gandhi University of Health Sciences, Raichur, Karnataka, 2001.
- 2. M. Pharm:** VL College of Pharmacy, Rajiv Gandhi University of Health Sciences, Raichur, Karnataka, 2007.

Specialization: Pharmaceutical Chemistry

- 3. Ph.D.:** JNTUH, Hyderabad, 2016

Title of Ph.D. thesis: "Synthesis, Chemical Characterization of Novel Substituted Acridones and their Multidrug Resistance Reversal Studies in Cancer Cells"

VII. International Publications: 05

1. Elucidation of chemosensitization effect of acridones in cancer cell lines: Combined pharmacophore modeling, 3D QSAR, and molecular dynamics studies. Deepak Reddy Gade, Amareswararao Makkapati, **Y. Rajesh Babu**, Godefridus J. Petersd, B.S. Sastry, V.V.S. Rajendra Prasad, **Computational Biology and Chemistry**, 74 (2018)63-75.
2. New RP-HPLC Method Development and Validation for the Determination of Pazopanib Hydrochloride in Tablet Dosage Form. **Y. Rajesh Babu**, Appala Raju N; **International Journal of Pharmaceutical Quality Assurance**; 2017; 8(1); 9-12.
3. Synthesis of nitric oxide donating acridone derivatives as cytotoxic agents in cancer. M. Amareswararao , **Y. Rajesh Babu** , J. Himabindhu and V. V. S. Rajendra Prasad; **Der Pharma Chemica**, 2016, 8(4):391-398.
4. Design and Synthesis of Quinazolinone Tagged Acridones as Cytotoxic Agents and Their Effects on EGFR Tyrosine Kinase. **Y. Rajesh Babu**, Mantripragada Bhagavanraju, Gade Deepak Reddy, Godefridus J. Peters, and Velivela V. S. Rajendra Prasad **Arch. Pharm. Chem. Life Sci.** 2014, Vol.347 (624-634).
5. Molecular fragmentation of some novel cytotoxic dichloro Acridones by electrospray ionization tandem mass spectrometry. **Y. Rajesh Babu** and Mantripragada Bhagavanraju; **Der pharmacia Lettre.** 2014, 6 (3): (242-245).

VIII. National Publications: 17

1. Synthesis characterization and evaluation of cyano pyrimidine pyrazoline Analogues as antimalarial agents, Yarlagadda Rajesh Babu, Ausaf Butool, Bibi Fareesa Banu , Anupama Koneru. **PENSEE**, 2021, 51 (02), 854-879.
2. Focused Screening Libraries of Lead Optimization. Ausaf Butool, Hafsa Hussaini, Juveria Nausheen, Mohd Mudabbir, **Y. Rajesh Babu**, Dr. Anupama Koneru. **World Journal of Pharmacy and Pharmaceutical Sciences**, 2020, 9 (2), (705-714).

3. Synthesis and Chemical Characterization of Benzimidazole Fused Benzopyran Derivatives and evaluation of their Anti-Bacterial Potency. Rufaida Farheen, **Y. Rajesh Babu**; **Journal of Pharma Research**, 2019, 8 (3):88-93.
4. Synthesis and Chemical Characterization of Benzopyran Derivatives Fused to Pyrimidine Moiety. Bibi Fareesa Banu1, **Y. Rajesh Babu**, Ausaf Butool, Tuba Khan; **Research & Reviews: A Journal of Drug Formulation, Development and Production**, 2018 5(3):11-23.
5. Synthesis and Chemical Characterization of Novel Series of Heterocyclic Compounds Containing Nitrogen and Oxygen. Ausaf Butool, **Y. Rajesh**, Tuba Khan, Bibi Fareesa Banu; **Research & Reviews: A Journal of Drug Formulation, Development and Production**, 2018 5(3):24-40.
6. Synthesis and Chemical Characterization of Novel Series of Benzoxazinone Derivatives. Tuba Khan, **Y. Rajesh Babu**, Bibi Fareesa Banu, Ausaf Butool; **Research & Reviews: A Journal of Drug Formulation, Development and Production**, 2018 5(3):41-57.
7. Formulation and evaluation of dabigatran fast dissolving tablets by using polyplasdone xl-10 and primellose. Ausaf Butool, Bibi Fareesa Banu, Tuba Khan, Rufaida Farheen, Dr. **Y Rajesh**; *Int. J. of Pharmacy and Analytical Research Vol-7(3) 2018 [301-316]*.
8. Synthesis and Chemical Characterization of Some Novel Benzopyrans and Their Biological Activity Studies. **Y. Rajesh Babu**, **Der Pharma Chemica**, 2017, 9(5):117-121.
9. A Validated RP-HPLC Method for the Determination of 2-Chloroadenosine as Process Related Impurity in Regadenosen Parenteral Dosage Form, **Y. Rajesh Babu**, VVSS Appala Raju, N Appala Raju; *Journal of Chemical and Pharmaceutical Research*, 2017, 9(7):55-61.
10. Development and Validation of a Stability Indicating RP-HPLC Method for the Determination of Imatinib Mesylate; **Y. Rajesh Babu**, N Appala Raju, **International Journal of Current Pharmaceutical Review and Research**; 2017; 8 (1), 56-59.
11. Pharmacophore Modelling, Atom- and Field-based 3D QSAR Studies of Cytotoxic Acridones Derivatives. G. Deepak Reddy, **Y. Rajesh Babu**, B. S. Sastry and V. V. S. R. Prasad; **Der Pharma Chemica**, 2016, 8(5):147-155.
12. Multidrug Resistance Reversal Acridones: Pharmacophore Modeling and 3D QSAR Studies; M. Amareswararao, **Y. Rajesh Babu**, V.V.S. Rajendra Prasad, **JPR**, 2016, 10 (6), (450-453).
13. Design and synthesis of acridone-4-carboximide derivatives and their cytotoxic studies in cancer cells; M. Amareswararao, **Y. Rajesh Babu**, V.V.S. Rajendra Prasad, **JPR**, 2016, 10 (10), (628-634).
14. Design and synthesis of 2, 4-dichloro N¹⁰-substituted acridones as cytotoxic agents effective against sensitive and resistant cancer cell lines. **Y. Rajesh babu**, M. Bhagavanraju, V. Jagadeesh babu; **IJPPS**, 2013, Vol.5 Issue.4 (308-318).
15. Acridone derivatives in reversing multidrug resistant in cancer cells- where are we now? Srikanth Gurrallaa , **Y. Rajesh Babu** , M. Bhagavan Raju: **WJPR**, 2013, Vol.2, issue.2 (308-318).

16. Symmetrical coupling of 2-mercaptobenzimidazole derivatives and their anti-microbial activity. Srikanth Gurralla, **Y. Rajesh babu**, G.vijayabhaskara rao, B. Madhavi latha; **IJPPS**, 2011, 3(2), 217-220.
17. Synthesis of new thiazolidin-4-one substituted 1, 2, 4-Triazoles as Antimicrobial agents. Rajendra Prasad, V.V.S., Mayur, Y.C., **Y. Rajesh Babu**, Satish, N.K., Shanta Kumar, S.M. **Indian Journal of heterocyclic chemistry**, 2006, 16, (199-200).

IX. National Conferences:

S.No	Title of the paper presented	Title of conference / Seminar	Date with Year	Organized by
1	Multidrug Resistance Reversal Acridones: Pharmacophore Modeling and 3D QSAR Studies	Novel Explorative Approaches Trending in Pharmaceutical Sciences	26 th March, 2015	VIPER in association with APTI
2	Design and Synthesis of acridone carboxamides as anticancer agents	India-Pharmacy of the world (Role of Indian regulators and pharma industry)	23 rd to 25 th , January 2015	66 th IPC
3	Cytotoxic studies of novel quinazolinone linked acridones against sensitive and resistant cancer cell lines	CPER 2013	29-30 th November 2013	CPS, IST, JNTUH in association with AICTE
4	Quinazolinone linked acridones as potent EGFR inhibitors and their cytotoxic studies against sensitive and resistant cancer cell lines	Innovate-2013	3 rd &4 th September, 2013	Pulla Reddy Institute of Pharmacy in association with AICTE
5	Molecular fragmentation of some novel cytotoxic dichloro Acridones by electrospray ionization tandem mass spectrometry.	Advanced Techniques in experimental methodology	25 th & 26 th March, 2013	VIPER in association with DST
6	Synthesis of nitric oxide donating acridone derivatives as cytotoxic agents in cancer.	RIPE-2012	17-18 th August, 2012	CPS, IST, JNTUH in association with APTI
7	Drug design and drug discovery	Techpragna-09	13 th & 14 th march 2009	Malla Reddy group of Institutions

X. International Conferences:

S.No	Title of the paper presented	Title of conference / Seminar	Date with Year	Organized by
1	Design and synthesis of acridone-4-carboximide derivatives and their cytotoxic studies in cancer cells.	“International conference on the use of National Medicines Policy and Biostatistics in Pharmaceutical Sciences” Innovate-2016	28 th & 29 th September-2016	Pulla Reddy Institute of pharmacy in association with ISPOR
2	Nitric Oxide Donating Acridone Carboxamide Derivatives as Reverters of Doxorubicin Resistance in MCF7/DX Cells	International Symposium on recent Advances in Medicinal Chemistry	8 th to 10 th September, 2014	NIPER, Mohali
3	Design and synthesis of Acridones as Anti MDR agents in cancer and their mechanistic studies	4 th Annual Indo-American Pharmaceutical Regulatory Symposium	18 th to 20 th October 2012	JNTUH, India and North-eastern University Boston, USA

XI. Chairperson/Judges/Organizing committee

S.No	Judge / Committee member	Title of conference / Seminar	Date with Year	Organized by
1	Registration Committee member	Advances, Challenges & Future Strategies in the Pharmaceutical Industry & Pharmaceutical care	1 st & 2 nd February, 2019	Sultan-ul-Uloom College of Pharmacy
2	Co-Convener	Continuing Education Program Sponsored by Pharmacy Council of India	10 th -12 th September, 2018	Sultan-ul-Uloom College of Pharmacy
3	Co-Convener	PHARMALIVE AND ESCAPDE	16 th December, 2017	Sultan-ul-Uloom College of Pharmacy
4	Evaluator for poster presentation	“Role of Nanotechnology in Herbal Medicine” and “Quality by Design”	18 th & 19 th August, 2017	Sri Venkateswara College of Pharmacy in association with SERB, DST
5	Scientific Committee member	(Race to Optimize Antibiotic Usage For Better Therapeutic Outcomes) SYNCHROPHARMA-2017	4 th & 5 th March, 2017	Sultan-ul-Uloom College of Pharmacy

6	Evaluator for poster presentation	‘India’s Nano Pharmaceutical Needs’-Challenges and Opportunities”	18 th March, 2016	VIPER in association with APTI
7	Evaluator for poster presentation	Innovative emerging approaches in drug discovery	2 nd & 3 rd March 2012	VIPER in association with DST

XII. Workshops/FDP (Total number attended & List):

S.No	Title of the Program	Duration (From –to)	Organized by
1	Chemoinformatics in drug discovery	14 th -16 th February-2019	Ecell2K18-19(IIT Kharagpur)
2	Computer Aided Drug Design (NPTEL)	06-08-2018 to 07-10-2018	NPTEL-AICTE Faculty Development Programme
3	Acquiring and improving the skills through pharmacy and biotechnology	06-02-2017 to 25-02-2017	JNTUH (UGC Sponsored Refresher Course)

XIII. E-Webinars (Total number attended & List):

S.No	Title of the Program	Date/Month with Year	Organized by
1	Work shop on Meditation-Breath together and touch the internal bliss	May, 2020	Association of Pharmaceutical Teachers of India
2	Research Grants and Funding-A Guide to acquiring Vitamin-M	May, 2020	Association of Pharmaceutical Teachers of India
3	A Practical Guide to QbD Product Development	May, 2020	Association of Pharmaceutical Teachers of India
4	Understanding Practice School & its concept in UG Pharmacy Education	23 rd , May. 2020	Pharmacy Council of India, Rajiv Gandhi University of Health Sciences & JSS Academy of Higher Education & Research
5	Pharmacokinetics-Modeling & Simulations	May, 2020	Association of Pharmaceutical Teachers of India
6	Best community pharmacy practices during COVID-19 pandemic	28 th April, 2020	Group Pharmaceuticals Ltd
7	How Continuous Research Helps Improve Disease Management / Public Health Challenges	3 rd May, 2020	Dr. D.Y. Patil Institute of Pharmaceutical Sciences and Research
8	Knowledge Updates For Community And Hospital Pharmacy Practice	15 th May, 2020	Karnataka Registered Pharmacists Association (KRPA)
9	Academic Ethics & Plagiarism	19 th May, 2020	Association of Pharmaceutical Teachers of India
10	"Post COVID-19: Resurgence of Indian Industry and R&D"	15 th May, 2020	SRM University-AP
11	Managing GMP’s within the QMS	15 th May,	Sharadchandra Pawar College

	in the COVID-19-Scenariio	2020	of Pharmacy
12	The Pharmacist and COVID-19	May, 2020	Karnataka Registered Pharmacists Association (KRPA)
13	Design of Experiments in Pharmaceutical Research	May, 2020	Association of Pharmaceutical Teachers of India
14	Research and Ethics		Chebrolu Hanumaiah Institute of Pharmaceutical Sciences, Guntur in Association with Indian Pharmaceutical Association, Education Division
15	Pharma Achievers- Get up-close and personal with achievers of the Pharmaceutical World	10 th June, 2020	Association of Pharmaceutical Teachers of India
16	Herbal Remedies for Emerging and Resistant Viral Infections	June, 2020	Association of Pharmaceutical Teachers of India
17	Interprofessional Education	13 th June, 2020	JSS Academy of Higher Education & Research & Pharmacy Council of India
18	How did I get my Research Grants? Lessons to Learn from My Mistakes (For Beginners)	20 th June, 2020	Association of Pharmaceutical Teachers of India
19	Recent Advances in Drug Design: State of The Art Tools for Drug Design and Drug Discovery	23 rd June, 2020	JSS College of Pharmacy, Ooty in Association with Schrodinger LLC, Bengaluru.
20	“Analysis of Variance (ANOVA) in Pharmaceutical Experimentation: One- way, Two-way, Three-way ANOVA and Multiple Comparison Tests”	28 th June, 2020	VISWANADHA Institute of Pharmaceutical Sciences In Association with MYBO Group.
21	Treating Cardiovascular Diseases	6 th July, 2020	Global Education & Careers Forum
22	Academic Engagement in Digital Platforms A Practical Guide	14 th July, 2020	KLE College of Pharmacy, Bengaluru
23	Effective ways if writing research article	25 th July	SRM University-AP
24	COVID-19 Virus: It’s Biology , Pathology and Management	30 th July, 2020	Association of Pharmaceutical Teachers of India
25	Stress And Disease Modification	24 th August, 2020	Sarada Vilas College of Pharmacy
26	Indian Pharma: Rising to the Challenges of Covid-19 & beyond	15 th -19 th September, 2020	Sri Venkateswara College of Pharmacy, Hyd.
27	Nanomedicine: Design, Characterization and Application in Therapeutics and Diagnosis	17 th &18 th September	Pullareddy Institute of Pharmacy
28	Doing Science Without Borders	17 th October,	SRM University-AP

		2020	
29	Saga of Science from 13th Century to 21st Century	21 st November, 2020	SRM University-AP
30	Philosophy of Ultimate Success in Scientific Life	28 th November, 2020	SRM University-AP
31	“ Art of Science in the Time of Virus and Beyond: The Brave New World ”	5 th December, 2020	SRM University-AP
32	“ Pursuit of Excellence: Institution Building ”	12 th December, 2020	SRM University-AP

XIV. M. Pharm Projects (Total no. of projects): 20

XV. Memberships: Life Member of APTI