



**Dr. JAGADISH SINGH**  
**Asst. Professor, Pharmaceutical Chemistry**  
**Guru Ghasidas Vishwavidyalaya, Bilaspur, C G**

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Date of Birth: 30-11-1977

**ACADEMIC PROFILE:**

Course	Board/ University	Class	Year of Passing
Ph.D.	Jadavpur University	Awarded	2012
M.Pharma.	Jadavpur University	1 <sup>st</sup> Class	2007
B.Pharma	Jadavpur University,	1 <sup>st</sup> Class	2005

**RESEARCH AREA (INTEREST):**

- ❖ Synthetic Medicinal Chemistry and Phytochemistry.
- ❖ Evaluation of Anticancer, Antidiabetic, Antimicrobial activities.

**PROFESSIONAL PROFILE:**

**Date of Joining:** 21<sup>st</sup> December 2011. [Continu....)

**Past Employment:** 12<sup>th</sup> August 2011-20<sup>th</sup> December 2011: Worked as Asst. Prof (Adhoc) in SLT Institute of Pharmaceutical Sciences Guru Ghasidas University, Bilaspur, C.G.

**Research experiences:** 13 yrs

**Teaching Experience:** 10Year 3month

**RESEARCH PROJECT:**

<b>2013</b> Funding Agency: <b>UGC</b>	"Synthesis, Characterization and Antiproliferative activity of Oxadiazole Derivatives". Work as: Principal Investigator	Amount: <b>Rs.06 Lakhs,</b> Duration: <b>02 years</b>
<b>2018</b> Funding Agency: <b>DST-SERB</b>	"Design, Synthesis, Characterization and Evaluation of Anticancer Activity of Some new 1,3, 4-oxadiazoles derivatives clubbed with Isoindoline 1,3-dione" Work as: Principal Investigator	Amount: <b>3284000Lakhs</b> Duration: <b>03 years</b>

**PH. D GUIDANCE**

Name of the scholar	Title Of the Thesis	Year
Shalini Bajaj	"Design, characterization and evaluation of anticancer activity of 1, 3, 4-oxadiazole derivatives"	<b>2021(Completed)</b>
Balaji W.Matore	"Design, Synthesis and evaluation of Newer Phthalimide derivatives as Potential anticancer agents."	<b>Continu.....</b>

## MASTERGUIDANCE

M Pharma	Number Enrolled	Thesis Submitted	Degree Awarded
	06	06	06
	01(Continu.....)		

### LIST OF PUBLICATIONS:

1. Bajaj S, Roy PP, Singh J. Synthesis, thymidine phosphorylase inhibitory and computational study of novel 1,3,4-oxadiazole-2-thione derivatives as potential anticancer agents. *Computational Biology and Chemistry*. (2018)151-160. [I F: 2.87]
1. Bajaj S, Roy PP, Singh J. 1, 3, 4-Oxadiazoles as telomerase inhibitor: Potential anticancer agents. *Anti-Cancer Agents in Medicinal Chemistry*, (2017)17, 1869-1883. [IF-2.50]
2. P Banjare, J Singh, P P Roy. Acute Rat and Mouse Oral Toxicity Determination of anticholinesterase inhibitor carbamate pesticides: A QSTR Approach. *Molecular Informatics*. (2019)38,8-9. [IF-2.50]
3. P Banjare, J Singh, P P Roy. Design and combinatorial library generation of 1H 1,4 benzodiazepine 2,5 diones as photosystem-II inhibitors: A public QSAR approach / Beni-Suef Univ. *J. Basic Appl. Sci.* (2017) 6,219-231.
4. P P Roy, S Bajaj, T K Maity, J Singh. Synthesis and Evaluation of Anticancer Activity of 1, 3, 4-Oxadiazole Derivatives against Ehrlich Ascites Carcinoma Bearing Mice and Their Correlation with Histopathology of Liver. *Indian Journal of Pharmaceutical Education and Research*, (2017) 51(2),260-269[IF-0.42]
5. A KGupta, R Raushan, J Singh and P P Roy. Exploring the QSAR Analysis of imidazole-4, 5- and pyrazine-2,3-Dicarboxamides Derivatives Using Online Available Resources. *Letters in Drug Design & Discovery* (2016), 13, 1-8. [IF-1.15]
6. S Bajaj, V Asati, J Singh, P P Roy. "1, 3, 4-Oxadiazoles: An emerging scaffold to target growth factors, enzymes and kinases as anticancer agents". *European Journal of Medicinal Chemistry* (2015)97, 124-141, [IF-6.51]
7. T Ghosh, J Singh & T K Maity. Evaluation of antitumor activity of stigmasterol, a constituent isolated from *Bacopa monnieri* Linn aerial parts against Ehrlich Ascites Carcinoma in mice, *Orient Pharm Exp Med* 11: 41-49 (2011) DOI 10.1007/s13596-011-0001-y.
8. T Ghosh, T K Maity & J Singh, Antihyperglycemic Activity of Bacosine, a Triterpene from *Bacopa monnieri*, in Alloxan-Induced Diabetic Rats, *Planta Med* (2011);77: 804-808[I F: 2.75].
9. J Singh, A. K. Balaraman, R Rajapandi, A Mondal, B C Maiti & T K Maity, Synthesis, Anticancer activity of some 1, 3, 4-oxadiazole derivatives against Ehrlich Ascites Carcinoma bearing mice model, *Pharmacologyonline*. (2010) 1: 406-416.
10. S Dash, A K Balaraman, J Singh, M Kundu, B C Maiti & T K Maity, Synthesis of some 3, 5-disubstituted 1, 3, 4 -Oxadiazole Derivatives and Anticancer Activity on EAC animal model, *Med Chem Resea.* (2010) DOI 10.1007/s00044-010-9455-6. [IF-1.95].

### Invited lecture/Session chaired:

**Appoint as Poster Session Evaluator:** Title of Conference/ Seminar: *Transforming Ripples in Healthcare Research: Obstacles, Sustenance & Cutting-Edge Innovations*. Organized by Department of Pharmaceutical Technology, School of Medical Sciences, Adamas University, Kolkata- 700126, DST, (CCRAS), Ministry of AYUSH, Government of India. February 10th & 11th 2022.

## LIST OF PRESENTATION:

### Seminar/ Workshop/ Conference

1. International conference on current trends in pharmaceutical & medical sciences (ctpms-2020). GLOBAL Institute of Pharmaceutical Education & Research, Kashipur, Uttarakhand, India. February 26-29, 2020.
2. National Seminar on Traditional Medicines and Modern Drug Research for Better Health Care. SLT Inst. Pharm Sci, GGV, Bilaspur, C G. March 08, , 2019.
3. International Conference on: Fostering Interdisciplinary Research in Medicines, University Institute of Pharmacy, Pt. Ravisankar Shukla University, Raipur, CG, India, 19-21 January, 2019.
4. National Seminar on Pharmacy & Healthcare: Traditional Knowledge to Modern Techniques” Department of Pharmaceutical Technology Jadavpur University, Kolkata-7000 32, WestBengal. on September 14, 2018.
5. National Seminar on Herbal Drug Research: Current status with reference to Institute-Industry Interaction, Opportunities’ and Challenge in Chhattisgarh. Siddhi Vinayaka Institute of Technology & Sciences, Bilaspur, Chhattisgarh, 16<sup>th</sup> February 2016.
6. National Seminar on: Bridging gap between Academic and Pharmaceutical Industries, Colombia Institute of Pharmacy, Raipur, Chhattisgarh, India, 5<sup>th</sup> -6<sup>th</sup> March 2016.
7. International Conference Frontiers in Pharmaceutical Science & Research, Cutting edge technology in New drug Discovery & Drug Delivery Systems. Columbia Institute of Pharmacy, Raipur, Chhattisgarh, India, 11-12<sup>th</sup> October 2014.
8. One workshop “Author Jointly organized by Springer and Guru Gasidas Vishwavidyalaya.” Guru Gasidas Vishwavidyalaya, Bilaspur, Chhattisgarh, 495009, 16<sup>th</sup> December 2014.
9. National Seminar “Opportunities in Medicinal Plant Research” School of natural product studies, Department of Pharmaceutical Technology. Jadavpur University, Kolkata-700032. West Bengal, India, 29-30<sup>th</sup> November 2014.
10. International Conference Frontiers in Pharmaceutical Science & Research, Cutting edge technology in New drug Discovery & Drug Delivery Systems. Columbia Institute of Pharmacy, Raipur, Chhattisgarh, India. 11-12<sup>th</sup> October 2014.

### **Address:**

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#### **Residential**

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