

CURRICULAR VITAE

Dr. Rajesh Sharma

M.Pharm. (Med. & Pharm. Chem.), Ph.D., M.B.A. (Executive)

Professor & Head, School of Pharmacy

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ACADEMIC PROFILE

- **M.B.A. (Executive)** from Institute of Management Studies, Devi Ahilya Vishwavidyalaya, Indore (M.P.), 2012, 70.82%.
- **Ph. D. (Pharmacy)** from School of Pharmacy, Devi Ahilya Vishwavidyalaya, Indore (M.P.), 2005 (Computer aided drug design of some selective COX-2 inhibitors as non-steroidal anti-inflammatory drugs, synthesis and biological evaluation).
- **M.Pharm. (Med. & Pharm. Chem.)** from Department of Pharmacy, Shri G.S. Institute of Technology and Science, Indore, Devi Ahilya University, Indore (M.P.), **2000, 76.09%; Honors Division** (3D-QSAR studies of some nonsteroidal anti-inflammatory drugs using pharmacophore mapping technique).
- **B. Pharm. from** Department of Pharmacy, Shri G.S. Institute of Technology and Science, Indore, Devi Ahilya University, Indore (M.P.), 1995, 64.49%.
- **12th (10+2) from** Government Boys Higher Secondary School, No.1, Mandsaur, (M.P.), India, 1989 with Distinction, 78.75%.
- **10th from** Government Boys Higher Secondary School, No.1, Mandsaur, (M.P.), India, 1987 with Distinction, 81.35%.

TEACHING & RESEARCH EXPERIENCE

1. **Professor**, School of Pharmacy, Devi Ahilya Vishwavidyalaya, Indore (M.P.), since 12.10.2012 to till date.
2. **Reader (Stage IV)**, School of Pharmacy, Devi Ahilya Vishwavidyalaya, Indore (M.P.), from 12.10.2009 to 11.10.2012.

3. **Reader (Stage III)**, School of Pharmacy, Devi Ahilya Vishwavidyalaya, Indore (M.P.), from 12.10.2006 to 11.10.2009.
4. **Lecturer**, School of Pharmacy, Devi Ahilya Vishwavidyalaya, Indore (M.P.), from 02.08.2003 to 11.10.2006.
5. **Lecturer (Adhoc)**, School of Pharmacy, Devi Ahilya Vishwavidyalaya, Indore (M.P.), from 15.10.2001 to 01.08.2003.
6. **Lecturer (Adhoc)**, Dept. of Pharm. Sci., H.N.B. Garhwal University, Srinagar (U.K.), from 01.09.2000-28.02.2001.
7. **Senior Research Fellow (CSIR)**, Shri G.S. Institute of Technology and Science, Indore (M.P.) from 07.03.2001- 14.10.2001.

ADMINISTRATIVE EXPERIENCE

1. **Head**, School of Pharmacy, Devi Ahilya Vishwavidyalaya, Indore (M.P.) since 21.05.2009 to till date.
2. **Head(In-charge)**, Devi Ahilya Vishwavidyalaya, Indore (M.P.) from 07.08.2006 to 20.05.2009.
3. **Head**, School of Pharmacy, Devi Ahilya Vishwavidyalaya, Indore (M.P.) from 05.05.2006-06.08.2006.
4. **Assistant Co-ordinator**, Central Valuation Centre, Devi Ahilya Vishwavidyalaya, Indore, from 07.10.2015 to 15.05.2016.
5. **Warden**, Jawahar Lal Nehru Boys Hostel, Devi Ahilya Vishwavidyalaya, Indore, from 20.12.2012 to 04.07.2014.

INDUSTRIAL EXPERIENCE & RECOGNITION

1. **Production Executive**, Vertex Pharmaceuticals Ltd., 27-28, G.I.D.C, Odhav, Ahmedabad (Gujarat), from 05.11.1995 to 22.06.1998.
2. **Trainee**, IPCA Labs Ltd. Sejavata, Ratlam (M.P.) from 12.08.1995 to 04.11.1995.
3. **Approved Manufacturing Chemist** in Liquid Oral Section, approved by Food and Drug Administration, Gandhinagar, Gujarat, India.

MAJOR ACADEMIC ADMINISTRATIVE RESPONSIBILITIES

1. **Member**, University Proctorial Board (2019-2020), Devi Ahilya Vishwavidyalaya, Indore.
2. **Member**, UTD Admission Cell-2019, Devi Ahilya Vishwavidyalaya, Indore.

3. **Co-ordinator**, Admission Committee (Programmes other than CET-2018), Devi Ahilya Vishwavidyalaya, Indore.
4. **Co-coordinator**, 18th Refresher Course of Chemistry (Chemistry, Biochemistry and Pharmacy), organized by Human Resource Development Center, Devi Ahilya Vishwavidyalaya, Indore from 09.11.2017 to 29.11.2017.
5. **Co-ordinator**, Admission Committee (Programmes other than CET-2017), Devi Ahilya Vishwavidyalaya, Indore.
6. **Co-ordinator**, Common Entrance Test-2016, Devi Ahilya Vishwavidyalaya, Indore.
7. **Co-ordinator**, Common Entrance Test-2015, Devi Ahilya Vishwavidyalaya, Indore.
8. **Co-ordinator**, Core Committee for developing proposal for Devi Ahilya Vishwavidyalaya as a Model University of Madhya Pradesh.
9. **Co-ordinator**, Flying Squad to prevent Ragging and Indiscipline in Hostels of Vishwavidyalaya, Indore (2014-2015).
10. **Co-coordinator**, 13th Refresher Course of Chemistry (Chemistry, Biochemistry and Pharmacy) organized by Human Resource Development Center, Devi Ahilya Vishwavidyalaya, Indore from 04.09.2013 to 24.09.2013.

FELLOWSHIPS/AWARDS/RECOGNITION

1. **Junior Research Fellowship** awarded for M.Pharm. Course, Ministry of Human Resources Development, Government of India, New Delhi. (GATE Score: 92.13, Year 1998).
2. **Senior Research Fellowship** awarded by Council of Scientific and Industrial Research, Ministry of Human Resources Development, Government of India, New Delhi. (Year: 2000).
3. **Advisory Editorial Board Member**, Indian Research Communication (An International Peer Reviewed Inter-Disciplinary Research Journal), an official Publication of The Research Promoting and Communication Society, Indore (M.P.), ISSN No. 0973-9661.
4. **Certificate of Appreciation** for Research and for highest citation during 2012-2016 by Devi Ahilya Vishwavidyalaya, Indore.
5. Research project in Health Science awarded **First Position** in ANVESHAN-2016: Student Research Convection (Central Zone), organized by Association of Indian Universities, New Delhi and F.M. University, Balasore from 22nd -23rd January, 2016.
6. **Best Paper (Oral)** entitled "Design, Synthesis and Biological Evaluation of Some β -acetamido Ketone Derivatives as Anti-malarial Agents", 66th Indian Pharmaceutical Congress held at Hitex, Hyderabad from 23rd to 25th January, 2015.

7. **Science Direct Top 25**, Study of effect of *Stevia rebaudiana bertonii* on oxidative stress in type-2 diabetic rat models, *Biomedicine and Aging Pathology*, 2(3), 126-131, ranked 5th in the list of most downloaded articles during April-June 2013.

NOMINATIONS IN ACADEMIC BODIES

1. **Chairman**, Board of Studies in Pharmacy, Devi Ahilya Vishwavidyalaya, Indore (M.P.), since 07.12.2006 to till date.
2. **Member**, Board of Studies in Pharmaceutical Sciences, Dr. H.S. Gour Vishwavidyalaya, Sagar, M. P. since 21.06.2019 to till date.
3. **Chairman**, Central Board of Studies for Pharmaceutical Chemistry, Higher Education, Government of Madhya Pradesh from 23.04.2017 to till date.
4. **Member**, Board of Studies in Pharmacy, Devi Ahilya Vishwavidyalaya, Indore (M.P.) from 01.01.2005 to 07.12.2006.
5. **Chairman**, Board of Studies in Pharmacy, Devi Ahilya Vishwavidyalaya, Indore (M.P.) from 02.09.2004 to 31.12.2004.

MEMBERSHIP OF PROFESSIONAL BODIES

1. **Life member**, Indian Pharmaceutical Association, Mumbai, India. (MP/IND/LM/0071)
2. **Life member**, The Association of Pharmaceutical Teachers of India. (MP/LM-129)

PROFESSIONAL CONTRIBUTION IN COMMITTEES AND COUNCIL

1. **Member, Peer Review Team**, National Assessment and Accreditation Council, Bangalore.
2. **Member**, Expert-Visiting Committee, All India Council of Technical Education, New Delhi.
3. **Approved Inspector**, Pharmacy council of India, New Delhi.
4. **Member**, Expert Committee, University Grant Commission, New Delhi

COMPLETED RESEARCH PROJECT

1. Computer Aided Drug Design, synthesis and biological evaluation of novel anti-diabetic agents from naturally occurring lead compounds, All India Council for Technical Education, New Delhi, RPS Scheme, Amount Rs. 13,50,000/-, Period: 2 years, Date of Commencement : 06.12.2010.
2. Computer Aided Drug Design, Synthesis, and Biological Evaluation of DPP-IV inhibitors as anti-diabetic agents, UGC, New Delhi, Major Research Project, Amount: 10,09, 800/-, Period: 3 Years, Date of Commencement : 01.02.2011.

3. Computer Aided Drug Design, Synthesis and Evaluation of some Anti-malarial Agents, M.P. Council of Science and Technology, Bhopal, Period: 3 years, Amount: Rs. 3,72,000/-, Date of Commencement: 31.03.2011.

RESEARCH/REVIEW PAPERS PUBLISHED IN REFEREED JOURNALS: 126

1. Sengupta S., Krishnan M.A., Pandit A., Dudhe P., **Sharma R.**, Chelvam V. (2019). Tyrosine-based asymmetric urea ligand for prostate carcinoma: Tuning biological efficacy through in silico studies. *Bioorganic Chemistry*, 91 (ISSN:0045-2068, IF =3.929)
2. Dhingra N., Kar A., **Sharma R.** (2019). Towards further understanding the structural requirement of combretastatin like chalcones as inhibitors of microtubule polymerization. *Current Computer Aided Drug Design*, 15. (ISSN:1875-6697 1573-40990)
3. Panda S., Sikdar M., Biswas S., **Sharma R.**, Kar A. (2019). Allylpyrocatechol, isolated from Betel Leaf Ameliorates thyrotoxicosis in rats by altering Thyroid peroxidase & Thyrotropin receptors. *Scientific Reports*, SREP-18-21789C (ISSN:20452322, IF =4.1)
4. Sharma M., **Sharma R.**, Jain D.K., Saraf A. (2019). Enhancement of oral bioavailability of poorly water-soluble carvedilol by chitosan nanoparticles; Optimization and pharmacokinetic study. *International Journal of Biological Macromolecules*, 135,246-260 (ISSN:0141-8130, IF = 3.9)
5. Panda S., **Sharma R.**, Kar A. (2019). Chavibetol corrects thyrotoxicosis through alterations in thyroid peroxidase. *Naunyn-Schmiedeberg's Archives of Pharmacology*, 392,541-550 (ISSN:0028-1298, IF =2.2)
6. Sharma M.C., Jain S., **Sharma R.** (2018). Trifluorophenyl based inhibitor of dipeptidyl peptidase-IV as antidiabetic agents: 3D QSAR CoMFA, CoMSIA methodologies. *Network Modeling Analysis in Health Informatics and Bioinformatics*, 7(1), 1-16. (ISSN:2192-6670)
7. Panda S., **Sharma R.**, Kar A. (2018). Antithyroidic and Hepatoprotective Properties of High Resolution Liquid Chromatography Mass Spectroscopy Standardized Piper betle Leaf Extract in Rats and Analysis of Its Main Bioactive Constituents, *Pharmacognosy Magazine*, 14,S658-S664 (ISSN:973-1296, IF =1.5)
8. Dhingra N., Kar A., **Sharma R.** (2018). Inhibition of aromatase and cell proliferation of breast cancer and human placenta choriocarcinoma by *Prunus persica* extracts, *Indian Journal of Pharmaceutical Sciences*, 80(50),903-910 (ISSN:250-474X, IF = 0.7)
9. Mandloi N., **Sharma R.**, Sainy J, Patil S. (2018). Exploring structural requirement for design and development of compound with anti-malarial activity via CoMFA, CoMSIA and HQSAR. *Research Journal of Pharmacy and Technology*, 11(8),3341-3349 (ISSN:0974-3618, 0974-360X)
10. Sharma M., **Sharma R.**, Jain D.K (2018). Preparation, characterization of neбиволол loaded chitosan nanoparticles. *Journal of Drug Delivery and Therapeutics*, 8(2),118-122 (ISSN:2250-1177)
11. Pandit A., Sengupta S., Krishnan M.A., Reddy R.B., **Sharma R.**, Venkatesh C. (2018). First report on 3D QSAR and molecular dynamics based docking studies of GCPII inhibitors for targeted drug delivery application, *Journal of Molecular Structure*, 1159,179-192 (ISSN:0022-2860, IF=2.0)

12. Sainy J., **Sharma R.** (2017). Synthesis, anti-malarial evaluation and molecular docking studies of some thiolactone derivatives. *Journal of Molecular Structure*, 1134, 350-359. (ISSN:0022-2860, IF= 2.0)
13. Sharma M.C., Jain S., **Sharma R.**(2017). In silico screening for identification of pyrrolidine derivatives dipeptidyl peptidase-IV inhibitors using CoMFA, CoMSIA, HQSAR and docking studies, *In Silico Pharmacol*,5(1), 1-12(ISSN:2193-9616)
14. Sharma M., **Sharma R.**, Jain D.K. (2017). Application of Taguchi orthogonal array design for optimization of chitosan nanoparticles of hydrophobic cardiovascular drugs. *Journal of Drug Delivery and Therapeutics*,7(7),62-64(ISSN:2250-1177)
15. Dixit R., Soni L.K., **Sharma R.**(2017).CoMFA and CoMSIA studies on 6,8-dibromo-4(3H)-quinazolinone derivatives for anti-bacterial activity against *Salmonella typhimurium*. *Journal of Drug Delivery and Therapeutics*, 7(7),93-96 (ISSN: 2250-1177)
16. Patil S., **Sharma R.** (2017). QSAR, docking and molecular fragment replacement study based on a conformation-independent approach on trifluorophenyl β -aminoamide derivatives as DPP-IV inhibitor. *Current Enzyme Inhibition*, 13 (3), 162-175(ISSN :875-6662, 573-4080, 1573-4080)
17. Patil P., **Sharma R.**, Banerjee T., Patil S. (2017). Quantification of Exemestane Accumulation During Microbial Bioconversion By TLC Image Analysis. *International Journal of Pharmacy and Pharmaceutical Sciences*, 9(8),105-109 (ISSN:0975-1491)
18. Patil S., **Sharma R.** (2017). Insight into aminomethyl- piperidones based DPP-IV inhibitors for treatment of diabetes: An application of rational drug design. *Indian Drugs*, 54(04), 5-21. (ISSN :0019-462X)
19. Narsinghani T., **Sharma R.** (2017). Synthesis, anti-inflammatory activities and docking studies of amide derivatives of meclofenamic acid. *Chemical Papers*, 71,857-868 (ISSN:1336-9075, 0366-6352, IF=0.96)
20. Patil P., **Sharma R.**, Banerjee T., Patil S. (2017). Substrate carriers for C-1(2)-dehydrogenation of 6-methylene androstenedione to exemestane by growing and immobilized *Arthrobacter simplex* NCIM 2449. *Asian Journal of Pharmaceutical and Clinical Research*, 10(2), 392-396. (E-ISSN : 2455-3891, P-ISSN: 0974-2441)
21. Sharma M., **Sharma R.**, Jain D.K. (2017). Preparation, characterization and optimization of carvedilol loaded chitosan nanoparticles by applying Taguchi orthogonal array design. *Asian Journal of Pharmaceutics*, 11 (1), 1-9. (E-ISSN : 1998-409X, P-ISSN:0973-8398)
22. Patil P., **Sharma R.**, Banerjee T., Patil S. (2017). The C-1(2)-dehydrogenation of 6-methylene androstenedione to exemestane, an aromatase inhibitor used for the treatment of breast cancer. *International Journal of Applied Biology and Pharmaceutical Technology*, 8(1), 107-111. (ISSN:0976-4550)
23. Dhingra N, Kar A., **Sharma R.**, Bhasin S. (2017). In vitro anti-oxidative potential of different fractions from *Prunusdulcis* seeds: vis a vis anti-proliferative and anti-bacterial activities of active compounds. *South African Journal of Botany*, 108, 184-192. (ISSN:0254-6299, 0254-6299, IF=1.44)
24. Jain H., Dhingra N., Narsinghani T., **Sharma R** (2016). Insight into the mechanism of natural terpenoids as NF-kB inhibitors: An overview on their anticancer potential. *Experimental Oncology*, 38, 3, 158-168. (ISSN:1812-9269, 1812-9269)

25. **Sharma R**, Khanna S, Mishra G M. (2016). Separation of Marketed Formulation containing Hydrochlorothiazide Amlodipine and Losartan through RP-HPLC Method, *International Journal of Pharmacy & Life Sciences*, 7(3), 4937-4941, (ISSN:0976-7126)
26. Sharma M., **Sharma R.**, Jain D. K. (2016). Nanotechnology based approaches for enhancing oral bioavailability of poorly water-soluble antihypertensive drugs. *Scientifica*, (ISSN: 2090-908X)
27. **Sharma R.**, Dhingra N, Patil S. (2016). CoMFA, CoMSIA, HQSAR and Molecular Docking Analysis of Ionone Based Chalcones Derivatives as Antiprostata Cancer Activity. *Indian Journal of Pharmaceutical Sciences*. 78(1), 54-64 (ISSN No.250-474X, IF=0.738).
28. Narsinghani, T., **Sharma, R.** (2015). CoMFA, HQSAR, Pharmacophore and Docking studies on Pyridine analogs of nimesulide as Anti-Inflammatory Agents. *Research Journal of Recent Sciences*, 4,97-104, (ISSN:2277-2502)
29. Sainy J., **Sharma R.** (2015). QSAR analysis of thiolactone derivatives using HQSAR, CoMFA and CoMSIA. *SAR and QSAR in Environmental Research*, 26(10), 873-892. (ISSN:1062-936X, 1029-046X, IF=2.227)
30. **Sharma R.**, Tiwari A., Parate A. (2015). Synthesis of new chloroquine derivatives as anti-malarial agents. *Pharmaceutical Chemistry Journal*, 49(8), 510-515. (ISSN:1573-9031, 0091-150X, IF=0.679)
31. Mishra G.M., **Sharma R.** (2015). Identification of potential PPAR- γ agonists as hypoglycemic agents: Molecular docking approach. *Interdisciplinary Sciences: Computational Life Sciences*, (ISSN:1913-2751, 1867-1462, IF:=0.796)
32. Patil S., **Sharma R.**, Abhishek J. (2015). Comparative Study to Predict Dipeptidyl Peptidase IV Inhibitory Activity of β -Amino Amide Scaffold. *Indian Journal of Pharmaceutical Sciences*, 77(2), 142-150. (ISSNNo. 250-474X, IF=0.738)
33. Parate A., **Sharma R.**, Chaturvedi S.C., Kant G. (2014). Docking studies of substituted 1,2,4 triazolinone derivatives as novel angiotensin II receptor antagonist as antihypertensive agents. *Tech Pharm Int Journal*, (ISSN: 2320-1657)
34. Dhingra N., **Sharma R.**, Kar A. (2014). Towards further understanding on the antioxidative activities of *Prunuspersica* fruit: A comparative study with four different fractions. *Spectrochimica Acta Part A: Molecular and Bimolecular Spectroscopy*, 132, 582-587 (ISSN-1386-1425, IF=2.880)
35. Narsinghani T., **Sharma R.** (2014). Lead optimization on conventional non steroidal anti-inflammatory drugs: An approach to reduce gastrointestinal toxicity. *Chemical Biology and Drug Design*, 84, 1-23. (ISSN: =1747-0285, IF = 2.238)
36. Patil S, **Sharma R.** (2014). 3D QSAR Study and Designing of Novel Prolinenitriles Derivatives as Dipeptidyl Peptidase IV Inhibitor. *Current Trends in Biotechnology and Pharmacy*, 8(3), 254-263, (ISSN: 0973-8916, 2230-7303)
37. **Sharma R.**, Prasad Y., Mishra G.P., Chaturvedi S.C. (2014). Some substituted 1,3,4-thiadiazoles: A novel centrally acting agents. *Medicinal Chemistry Research*, 23, 252-258 (ISSN: 1573-4064, IF:1.607)

38. Vengurlekar S, **Sharma R**, Trivedi P. (2014). Synthesis, Antifungal Activity and Molecular Docking Studies on N-(Substitutedbenzylideneamine)-3-cycloalkylidene-thiosemicarbazide Derivatives. *International Journal of Drug Delivery*, 6, 99-112. (ISSN No.: 0975-0215).
39. **Sharma R.**, Patil S., Maurya P. (2014). Drug discovery studies on quinoline-based derivatives as potential anti-malarial agents. *SAR and QSAR in Environmental Research*, 25(3), 189–203. (ISSN: 1062-936X, ISSN:1029-046X, IF= 2.227)
40. Dhingra, N., **Sharma, R.**, Kar, A. (2014). Oxidative Stress and Carcinogenesis: Prevention by Antioxidative Phytochemicals Acting on Different Molecular Targets. *International Journal of Pharmaceutical Sciences Review and Research*, 25(1), 236-245. (ISSN:0976- 044X)
41. Dhingra, N., **Sharma, R.**, Kar A. (2014). Evaluation of the Antioxidant Activities of *Prunus domestica* Whole Fruit: An in Vitro Study. *International Journal of Pharmacy and Pharmaceutical Sciences*, 6(4), 271-276 (ISSN: 0975-1491).
42. Patil, S., **Sharma, R.** (2014). Prediction of 4-(5-trifluoromethyl-1h-pyrazol-1-yl) chloroquine analogues as antimalarial activity. *International Journal of Pharm Tech Research*, 6(1), 356-362. (ISSN: 0974-4304).
43. Jain, A., Parate, A., **Sharma, R.**, Chaturvedi, S. C. (2013). Benzimidazoles as angiotensin II AT1 receptor antagonist: A Review. *Inventi Impact: Med. Chem.*, 1, 1-14 (ISSN: 2229-421X).
44. Parate, A., **Sharma, R.**, Chaturvedi, S.C. (2013). A quantitative structure activity relationship approach to design angiotensin II receptor antagonists as antihypertensive agents by KNN MFA. *American Journal of Phytomedicine and Clinical Therapeutics*, 1 (7), 579-593. (ISSN: 2321-2748).
45. Patil, S., **Sharma, R.** (2013). Virtual screening and computer aided analysis of 2,4,6-trisubstituted triazines as antimalarial agents. *Der Pharma Chemica*, 5(6):53-61. (ISSN: 0975-413X).
46. Parate A., **Sharma R**, Chaturvedi SC. (2013). Synthesis and evaluation of substituted 1,2,3triazolinone derivatives as novel angiotensin II receptor antagonists as antihypertensive agents, *Der Pharmacia Sinica*, 2013, 4(6):66-71 (ISSN:0976-8688).
47. Parate, A., **Sharma R.**, Chaturvedi SC. (2013). Exploring structural requirements for angiotensin II receptor antagonists by KNN-MFA approach: A QSAR study. *International Journal of Pharmaceutical Sciences Letters* 3(6), 281-287 (ISSN:2277-4564).
48. Dhingra, N., **Sharma R.**, Kar A. (2013). Antioxidative and antiproliferative activities of isolated compounds from *Prunus domestica*: an in vitro study. *International Journal of Phytomedicine*, 5 (3), 341-346 (ISSN: 0975-0185).
49. **Sharma, R.**, Patil, S. (2013). Three dimensional quantitative structure analysis substituted 1,3-diaryl propenone derivatives as antimalarial activity. *Der Pharma Chemica*, 5(4):80-86. (ISSN:0975-413X)
50. Baviskar T., **Sharma R.**, Jain D. (2013). Formulation and In vitro/In vivo Evaluation of Sustained Release Diltiazem Matrix Tablets. *Tropical Journal of Pharmaceutical Research*, 12(3),311-316, (ISSN:1596-5996, 1596-9827, IF=0.444)

51. Prasad, R.K., **Sharma, R.** (2013). In Silico 2D-QSAR Analysis of 2-Aryl Pyridine Inhibitors of Mitogen-Activated Protein Kinase-2 as Anti-Rheumatoid Arthritis Agents. *American Journal of Phytomedicine and Clinical Therapeutics*, 1, 1-10 (ISSN: 2321-2748).
52. Parate, A., **Sharma, R.**, Maheshwari, I. (2013). Structural indents for 5-hydroxyaurone derivatives as potent anticancer agents against HUVEC cancer cell lines-kNN MFA approach. *Der Pharmacia Sinica*, 4(3), 121-129 (ISSN: 0976-8688).
53. Parate, A., **Sharma, R.**, Chaturvedi S.C. (2013). Comprehensive structure activity relationship studies for angiotensin II receptor antagonists as antihypertensive agents. *American Journal of Phytomedicine and Clinical Therapeutics*, 1(5)149-177. (ISSN: 2321-2748).
54. Vengurlekar S., **Sharma R.**, Trivedi P. (2013). Synthesis, antifungal evaluation and molecular docking studies on 2-thioxoimidazolidin-4-one derivatives. *Medicinal Chemistry*, 1;3 (9), 459-473 (ISSN:1573-4064, IF=2.632)
55. **Sharma, R.**, Khanna, S., Mishra, G.P. (2013). RP-HPLC method for simultaneous estimation of atenolol, hydrochlorthiazide and losartan in a tablet dosage form. *Chemical Science Transactions*, 2, S1-S6. (ISSN: 2278-3458).
56. **Sharma R.**, Patil, S. (2013). Pharmacophore Mapping, Docking and Three Dimensional QSAR Analysis of [(S)-□-(Arylamino)-Prolyl] Thiazolidine Compounds As a Potent and Stable DPP-IV Inhibitors. *International Journal of Research in Pharmacy and Science*, 3, 105-118. (ISSN: 2249-3522).
57. Jain A., **Sharma R.**, Chaturvedi S.C. (2013). A rational design, synthesis, characterization, and antihypertensive activities of some new substituted benzimidazoles. *Medicinal Chemistry Research*, 22, 4622-4632. (ISSN : 1054-2523, IF: 1.607)
58. Baviskar D., **Sharma R.**, Jain, D. (2013). Modulation of drug release by utilizing pH-independent matrix system comprising water soluble drug verapamil hydrochloride. *Pakistan Journal of Pharmaceutical Sciences*, 26(1), 137-144. (ISSN: 1011-601X, IF=0.804)
59. **Sharma, R.**, Khanna, S, Mishra, G.P. (2012). Development and validation of RP-HPLC method for simultaneous estimation of ramipril, aspirin and atorvasatin, *E-Journal of Chemistry*,9, 2177-2184 (ISSN:0973-4945, IF=0.996).
60. **Sharma, R.**, Mishra, G. P. (2012). Current Approaches for the treatment of Hyperglycemia. *American Journal of PharmTech Research*, 2, 160-166 (ISSN: 2249-3387).
61. **Sharma R.**, Panigrahi D., Mishra G.P. (2012). QSAR studies of 7-methyljuglone derivatives as anti-tubercular agents. *Medicinal Chemistry Research*, 21, 2006-2011. (ISSN:1054-2523, IF=1.607)
62. **Sharma R.**, Yadav R., Manivannan E. (2012). Study of effect of *Stevia rebaudiana bertonii* on oxidative stress in type-2 diabetic rat models. *Biomedicine and Aging Pathology*, 2(3), 126-131.(ISSN:2210-5220)
63. **Sharma, R.**, Pathodiya, G., Mishra, G. P. (2012). Simultaneous estimation and validation of cefixime trihydrate and ornidazole in combined solid dosage form using hydrotropic solubilizing agent. *Novel Science International Journal of Pharmaceutical Science*, 1, 589-594 (ISSN: 2278-0033).

64. Vengurlekar S, **Sharma R**, Trivedi P. (2012). Efficacy of some natural compounds as antifungal agents. *Pharmacogn Rev*, 6(12), 91-99. (ISSN: 0973-7847).
65. Vengurlekar S., **Sharma R.**, Trivedi P (2012). A study on the biological activity of 2-thioxo-imidazolidin-4-ones. *Letter in Drug Design and Discovery*, 9, 549-555. (ISSN:1570-1808, IF= 0.924)
66. Panigrahi, D., Mishra, G.P., **Sharma R.** (2012). Study of stressed degradation behavior of drotaverine and development of a validated stability-indicating HPLC assay method. *Der Pharma Chemica*, 4, 847-853 (ISSN: 0975-413X).
67. **Sharma R.**, Patel R., Patil, S. (2012). QSAR studies of potent inhibitors of malaria parasite dihydroorotatedehydrogenase by comparative analysis. *International Journal of Research in Pharmacy and Science*, 2, 98-105 (ISSN: 2249-3522).
68. **Sharma R.**, Khanna, S., Mishra G. P. (2012). Development and validation of RP-HPLC method for simultaneous estimation of losartan potassium and atorvastatin calcium in pharmaceutical preparations. *Journal of Pharmacy Research*, 5, 398-400 (ISSN: 0974:6943).
69. **Sharma R.**, Panigrahi, D., Mishra, G. P. (2012). Simultaneous Estimation and validation of drotraverine and omeprazole in solid dosage form using spectrophotometry method. *Journal of Pharmacy Research*, 5, 161-164 (ISSN: 0974:6943).
70. Jain, A., **Sharma, R.**, Chaturvedi, S. C. (2011). Structural Insight for benzimidazole as angiotensin II AT1 receptor antagonist by using molecular property and biological activity correlation: QSAR approach. *International Journal of Pharmacy and Pharmaceutical Sciences*, 3, 541-546 (ISSN: 0975:1491)
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73. **Sharma, R.**, Pathodiya, G, Mishra, G. P., Sainy, J. (2011). A novel Spectrophotometric methods for quantitative determination of ciprofloxacin hydrochloride and tinidazole in tablets using hydrotropic solubilizing agent. *Journal of Pharmacy Research*, 4, 859-861 (ISSN: 0974:6943).
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75. Pradhan J, **Sharma R** (2011). Combined Antidiabetic Effect of metformin and Pterocarpus marsupin on alloxane induced diabetic rats. *Inventi Rapid: Ethano- pharmacology*, 2(1) ep.249, (ISSN: 976-3805)
76. Prasad, R. K., **Sharma R.** (2011). 2D-QSAR analysis of pyrazinecarboxamides derivatives as herbicidal agents. *Journal of Computational Methods in Molecular Design*, 1, 7-13 (ISSN: 2231-3176).
77. **Sharma, R.**, Pathodiya, G., Mishra, G. P., Sainy, J. (2010). Spectrophotometric methods for simultaneous estimation of paracetamol and diclofenac sodium in combined dosage form by application of hydrotropic solubilization. *Journal of Pharmaceutical Science and Research*, 2, 821-826 (ISSN: 0975-1459).

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79. **Sharma, R.**, Pathodiya, G., Mishra, G. P., Sharma, M. C. (2010). Simultaneous estimation and validation of cefixime trihydrate and ornidazole in bulk and tablets using hydrotropic solubilizing agents. *Journal of Pharmacy Research*, 3, 2953- 2955 (ISSN: 0974-6943).
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81. Pradhan, J., **Sharma, R.** (2010) In vitro α -amylase inhibitory and in vivo antidiabetic activity of *Abelmoschus esculentus* (L.). *Res Pharmaceutica*. 1, 1-5 (ISSN: 2230-9470).
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83. **Sharma R.**, Pathodiya G., Mishra G.P. (2010). Qualitative and quantitative estimation of water insoluble drugs from its formulations simultaneously: A hydrotropic approach. *Stamford Journal of Pharmaceutical Sciences*, 3(2), 37-42 (ISSN:1999-7108)
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98. Jain V., Sharma R. (2010). Simultaneous spectrophotometric estimation and validation of domperidone, tramadol hydrochloride and acetaminophen in tablet dosage form. *Stamford Journal of Pharmaceutical Sciences*, 3(1), 28-33. (ISSN :1999-7108)
99. Sharma, R., Pathodiya, G., Mishra, G. P. (2010). A novel application of hydrotropic solubilization in development and validation of spectrophotometric methods for simultaneous estimation of Paracetamol and Diclofenac sodium in solid dosage form. *International Journal of Pharma and Bio Sciences*, 1, 1-9 (ISSN: 0975-6299).
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- 105.** Prasad, R. K., Narsinghani, T., **Sharma, R.** (2009). QSAR analysis of novel N- alkyl substituted isatins derivatives as anti-cancer agents. *Journal of Chemical and Pharmaceutical Research*, 1, 199-206 (ISSN: 0975-7384)
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- 109.** Pattanayak P., **Sharma R.**, Sahoo P.K. (2009). Synthesis and evaluation of 2-amino-5-sulphonyl-1,3,4-thiadiazole as antidepressant, anxiolytic and anticonvulsant agents. *Medicinal Chemistry Research*, 18, 351-361. (ISSN :1054-2523, IF:1.607)
- 110.** Pattanayak, P., Choudhary, Y. P., **Sharma, R.**, Mohapatra, P., Setty, D. K. (2009). Simultaneous spectrophotometric estimation of nitazoxanide and ofloxacin in combined tablet dosage form. *Research Journal of Pharmacy and Technology*, 2, 291-293 (ISSN: 0974-3618)
- 111.** Baviskar, D., Girase, N. O., Deshpande, A. Y., Sane, R. T., **Sharma R. B.**, Jain D. K. (2009). HPLC method for determination of valdecoxib from pharmaceutical formulation by using rofecoxib as an internal standard. *Asian Journal of Chemistry*, 21, 1002-1006 (ISSN: 970-7077).
- 112.** Sainy J., Mishra G.P., **Sharma R.**, Chaturvedi S.C. (2009). 2-amino-5-sulphonyl-1,3,4-thiadiazoles : A novel series of anti-inflammatory and analgesic agents. *Pharmaceutical Chemistry Journal*, 43(1), 19-24. (ISSN : 091-150X, IF= 0.679)
- 113.** Joshi R., **Sharma R.** (2008). Development and validation of RP-HPLC method for simultaneous estimation of three component tablet formulation containing acetaminophen, chlorzoxazone, and aceclofenac. *Analytical Letters*, 41, 3297-3308. (ISSN:003-2719, IF= 1.206)
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- 116.** **Sharma R.**, Sainy J., Chaturvedi S.C. (2008). 2-amino-5-sulfanyl-1, 3, 4-thiadiazoles: A new series of selective cyclooxygenase-2 inhibitors. *Acta Pharmaceutica*, 58(3), 317-326. (ISSN: 1330-0075, IF= 1.071)
- 117.** Chaturvedi P.K., **Sharma R.** (2008). Development and validation of an RP-HPLC method for simultaneous estimation of three component tablet formulation containing metformin hydrochloride, pioglitazonehydrochloride and glibenclamide. *Acta Chromatographica*, 20(3), 451-461. (ISSN:1233-2356, IF= 0.773)
- 118.** Panigrahi D., **Sharma R.** (2008). Development and validation of an RP-HPLC method for simultaneous estimation of drotaverine and omeprazole in tablet dosage form. *Acta Chromatographica*, 20(3), 439-450. (ISSN:1233-2356, IF= 0.773)
- 119.** Chaturvedi P.K., **Sharma R.** (2008). Simultaneous spectrophotometric estimation and validation of three component tablet formulation containing pioglitazone hydrochloride, metformin hydrochloride and glibenclamide. *Analytical Letters*, 41, 2133-2142. (ISSN:0003-2719, IF= 1.206)
- 120.** Kalta R R, **Sharma R.**, Chaturvedi SC. (2008). Simultaneous RP-HPLC determination of nitazoxanide and ofloxacin in combined tablet dosage form. *Indian Journal of Pharmaceutical Sciences*, 70(4), 491-494.(ISSN:0250-474X, IF= 0.738)
- 121.** **Sharma R.**, Sahoo P K, Chaturvedi SC. (2008). Quantitative structure activity relationship studies of a new class of selective aldose reductase inhibitors. *Indian Journal of Chemistry (Sec. B)*, 47 , 957-962.(ISSN: 0376-4699, IF= 0.525)
- 122.** Sahoo P K, **Sharma R.**, Chaturvedi SC. (2008). Simultaneous estimation of metformin hydrochloride and pioglitazone hydrochloride by RP-HPLC method from combined tablet dosage form. *Indian Journal of Pharmaceutical Sciences*, 70(3), 383-386. (ISSN:0250-474X, IF= 0.738)
- 123.** Pattanayak P., **Sharma R.**, Chaturvedi SC. (2007). Simultaneous spectrophotometric estimation of rabeprazole sodium and itopride HCl. *Analytical Letters.*, 40, 2288-2294 (ISSN:0003-2719, IF= 1.206)
- 124.** **Sharma R.**, Shantanu P S, Chaturvedi SC. (2006). Identification of pharmacophores for anti-inflammatory and analgesic activity on aryl-(imidazol-1-yl) acetates. *Indian Journal of Chemistry (Sec.B)*, 45(B), 1443-1452. (ISSN:376-4699, IF= 0.525)
- 125.** **Sharma R.**, Chaturvedi SC. (2004). 3D QSAR studies on novel terphenyls for selective Inhibition of cyclooxygenase-2 enzyme. *Indian Journal of Pharmaceutical Sciences*, 66 (6), 758-772 (ISSN:0250-474X, IF= 0.738)
- 126.** **Sharma R.**, Prathipati P, Chaturvedi SC, Saxena AK. (2004). Development of pharmacophoric models on 5,6-diarylimidazo [2.1-b] thiazole for selective inhibition of cyclooxygenase-2 enzyme. *Indian Journal of Pharmaceutical Sciences*, 66 (2), 193-201. (ISSN:250-474X, IF= 0.738)

RESEARCH PAPERS PUBLISHED IN REPUTED JOURNALS: 08

1. Baviskar D, **Sharma R**, Jain D. (2009). OPTI-STAT: A revolution in factorial and dissolution studies in development of new drugs. *International Journal of Pharmacological and Biological Science*, 3(2), 157-160. 0973-6808
2. Baviskar D, **Sharma R**, Jain D. (2009). Tandem mass spectrometry method for determination of verapamil in human plasma. *Advances in Pharmacology and Toxicology*, 10(2), 155-160. 0973-2381.
3. Baviskar D, **Sharma R**, Jain D. (2009). Validation of the optimum mixing time for a mixture of solid dosage forms. *Recent Trends Pharmacology and Toxicology*, 6, 75-88. 81-85543-09-7
4. Baviskar D, Pawar M, Mahajan S, **Sharma R**, Jain D. (2008). Development of PRO-VALI software for validation of tablet manufacturing processes. *International Journal of Pharmacology and Biological Sciences*, 2(1), 147-154. 0973-6808
5. Pawar M P, Baviskar D T, **Sharma R**, Jain D K. (2008). Anti-hyperglycemic activity of aqueous extract of entire plant of *Phyllanthus fraternus* in normal and alloxane induced diabetic rabbits. *Advances in Pharmacology and Toxicology*, 9(1), 117-122. 0973-2381
6. Mahajan S, Baviskar D, **Sharma R**, Jain D. (2008). In vitro immunomodulatory activity of aqueous extracts of leaves of *Jatropha curcas* Linn. *Advances in Pharmacology and Toxicology*, 9(3), 79-86. 0973-2381
7. Baviskar D, **Sharma R**, Jain D. (2008). Development and validation of HPLC method for estimation of diltiazem in human plasma and its use in bioequivalence study. *Recent Trends in Pharmaceutical Sciences and Environment*, 4, 1-12. 81-85543-08-9
8. Baviskar D, **Sharma R**, Jain D. (2008). Tablet manufacturing of mixture containing paracetamol and additives: A process of validation. *Recent Trends in Pharmaceutical Sciences and Environment*, 4, 89-104. 81-85543-08-9

PAPERS PRESENTED IN CONFERENCES, SEMINARS, WORKSHOPS, SYMPOSIA : 14

1. Design and Synthesis of isocryptopine analogues as an anti-malarial agents: A computational approach, 27th-28th December, 2016, International Conference on Artificial Intelligence in Health Care, Organized by SVKM's Pharma Institutions and Mukesh Patel School of Technology Management and Engineering, Mumbai and Shirpur.
2. CoMFA and Docking studies on Pyrido [1,2A] benzimidazole Derivatives as Potential Anti-malarial agents, 27th-28th February, 2015, International Conference on Innovations in Pharmaceutical Science, Organized by Sri Aurobindo Institute of Pharmacy, Indore
3. Design, synthesis and biological evaluation of some β -acetamido ketones derivatives as anti-malaria, 66th Indian Pharmaceutical Congress, 23rd-25th January 2015, Hyderabad, Indian Pharmaceutical Congress Association.
4. Pharmacophoric Identification, 3D QSAR and Docking study on Pyrido [1,2a] benzimidazoles as antimalarial agents (Poster), International Conference on Emerging Challenges in Biotechnology, Human Health and

Environment & 8th Annual Convention of Association of Biotechnology and Pharmacy 18th-20th December 2014, Devi Ahilya University, Indore

5. Study of effect of Chyawanprash on pharmacokinetics of Carbamazepine in rat plasma(Oral) International Conference on Emerging Challenges in Biotechnology, Human Health and Environment & 8th Annual Convention of Association of Biotechnology and Pharmacy 18th-20th December 2014, Devi Ahilya University, Indore
6. Study of the effect of curcuma longa on the effect pharmacokinetics and pharmacodynamics of etoricoxib in rat plasma, 64th Indian Pharmaceutical Congress, 7th-9th December 2012, Chennai, Indian Pharmaceutical Congress Association.
7. Design, synthesis and evaluation of β -acetamidoketone derivatives as novel anti-malarial agents, 64th Indian Pharmaceutical 64th Indian Pharmaceutical Congress, 7th-9th December 2012, Chennai, Indian Pharmaceutical Congress Association
8. New spectrophotometric determination of naproxen tablets using niacinamide as hydrotropic solubilizing agent, Indian Pharmaceutical Congress, Varanasi, 2007.
9. Identification of Pharmacophore for selective inhibition of cyclooxygenase-2 enzymes on 5,6-diarylimidazo [2.1-b] thiazole, Indian Pharmaceutical Congress, Pune, 2002.
- 10.3D-QSAR studies of novel Terphenyls for selective inhibition of cyclooxygenase-2 enzymes, Indian Pharmaceutical Congress, Pune, 2002
- 11.Quantitative structure activity relationship analysis on 4,5diaryl imidazole as selective COX-2 inhibitors, Indian Pharmaceutical Congress, New Delhi, 2001
- 12.3D QSAR studies of some benzimidazole derivatives as non acidic anti-inflammatory drugs, Indian Pharmaceutical Congress, New Delhi, 2001.
- 13.Identification of pharmacophores for anti-inflammatory and analgesic activity on imidazolyl-1-(aryl/substituted aryl) esters, Indian Pharmaceutical Congress, New Delhi, 2001.
- 14.Quantitative structure activity relationship analysis on cyclic cyanoguanidines as HIV-1 protease inhibitors, Indian Pharmaceutical Congress, New Delhi, 2001

INVITED LECTURES/SHORT TALKS/CHAIRPERSON/EVALUATOR

1. Resource person, Pharmacogenomics : An aid to drug discovery and Development, AICTE sponsored two weeks faculty development programme, 31.08.2019 organized by Sagar Institute of Research and Technology-Pharmacy, Bhopal,
2. Poster Evaluator, International Conference on Global Scenario in Pharmaceutical Industrial and Academic Research (Intellectual Property: Creation & Protection), 26th-27th May 2018 organized by Dr.A.P.J. Abdul Kalam University, Indore.
3. Scientific Session Evaluator, National Conference on Empowering People to Improve Their Lives (MP-Pride 2018) 16th-17th February, 2018 organized by School of Pharmaceutical Sciences, Rajiv Gandhi Proudyogilki Vishwavidyalaya, Indore

4. Chairperson, International Conference on Global Perspective on Multidisciplinary Approaches in Pharmaceutical Sciences, 18th-19th November, 2017 organized by IPS Academy, College of Pharmacy, Indore
5. Resource person, A short talk on 10.10.2017 at All India Radio, Akashvani, Indore: कैसे काम करता है वैक्सीन ?
6. Co-Chairperson, International Conference on Artificial Intelligence in Health Care, 27th-28th December, 2016 organized by SVKM's Pharma Institutions and Mukesh Patel School of Technology Management and Engineering, Mumbai and Shirpur
7. Resource person, A short talk on 06.12.2016 at All India Radio, Akashvani, Indore क्या है सही तरीका दवाईयां लेने का ?
8. Resource person, A short talk on 01.12.2015 at All India Radio, Akashvani, Indore: स्वयं चिकित्सा के दुष्प्रभाव
9. Poster Evaluator, National Seminar on Role of Chemistry in Basic & Applied Sciences, 30th September-1st October, 2015 organized by Govt. Holkar Science College, Indore
10. Resource person, A short talk on 07.04.2015 at All India Radio, Akashvani, Indore: एलोपैथी एवं आयुर्वेदिक चिकित्सा एक साथ लेने के प्रभाव
11. Poster Evaluator, Pharma Meet-2015-Role of Pharmacist : Challenges & Opportunities, 15th March, 2015 organized by Indian Pharmaceutical Association M.P. State Branch, Indore
12. Resource person, An Overview of Intellectual Property Rights, Orientation Course, Academic Staff College, Devi Ahilya University, Indore, 27.02.2015.
13. Resource person, Drug Discovery: Fragment Based Drug Design, Refresher Course, Academic Staff College, Pt. Ravishankar Shukla University, Raipur, 25.02.2014.
14. Resource person, Herb-Drug Interactions, Refresher Course in Emerging Trends in Biological Sciences, Academic Staff College, Devi Ahilya University, Indore, 19.02.2014.
15. Resource person, Natural Products : Strategies and Importance in Drug Discovery, Refresher Course in Emerging Trends in Biological Sciences, Academic Staff College, Devi Ahilya University, Indore, 18.02.2014.
16. Resource person, Budget and Justifications, Short Term Course on Research Proposal Development, Academic Staff College, Devi Ahilya University, Indore, 18.02.2014.
17. Resource person, Interpretation of IR spectra : A practical Approach, 2nd Interaction Programme for Ph.D. Scholars/Post Doctoral, Academic Staff College, Devi Ahilya University, Indore, 04.09.2013.
18. Resource person, Drug Design and Discovery, 2nd Interaction Programme for Ph.D. Scholars/Post Doctoral, Academic Staff College, Devi Ahilya University, Indore, 04.09.2013.
19. Resource person, Drug Discovery and Design, Refresher course in Life Science, Academic Staff College, Devi Ahilya University, Indore, 12.01.2013.
20. Resource person, Bioinformatics : An Overview, Interaction Programme for Ph.D. and Post Doctoral Students, Academic Staff College, Devi Ahilya University, Indore, 10.03.2011.
21. Resource person, Bioinformatics-An overview and applications in Drug Design, AICTE sponsored Staff Development Programme, May-15-29 May, 2008, Smriti College of Pharmaceutical Education, 4/1 Pipliya Kumar Kakka, Mayakhedi Road, Nipania, Indore

CONFERENCES/SEMINARS/WORKSHOPS ORGANIZED

1. Chairperson, 18th Pharma Meet-2020 on Building India into a Pharma Superpower (2020) organized by Indian Pharmaceutical Association M.P. State Branch, Indore, 8th April, 2018.
2. Convener, Transport Committee, Anubhooti-2018(International Conference on Scientific Impact of Music, Environment and Sustainable Development) organized by Devi Ahilya Vishwavidyalaya, Indore, Shri Shadhna Parmarthik Sansthan, Mandleshwar, Vigyan Bharti and Ministry of Culture, Government of M.P. from 7th-9th January, 2018.
3. Editorial Board Member, Abstracts : Anubhooti-2018 (International Conference on Scientific Impact of Music, Environment and Sustainable Development) organized by Devi Ahilya Vishwavidyalaya, Indore, Shri Shadhna Parmarthik Sansthan, Mandleshwar, Vigyan Bharti and Ministry of Culture, Government of M.P. from 7th-9th January, 2018.
4. Chairperson, Transport and Sight Seen Committee, 10th South Asian Inter Universities Youth Festival (SAUFEST) organized by Devi Ahilya Vishwavidyalaya, Indore from 28th February-4th March, 2017.
5. Secretary, Two days Industry-Institute Intercation Workshop on Molecular Biology Experiments jointly organized by School of Pharmacy and School of Life SCience, Devi Ahilya Vishwavidyalaya, Indore, 6th-7th October, 2016.
6. Member, Local Organizing Committee, Pharma Meet-2016 on Employabilty in Pharmacy Proefession-Current Scenario & Future Prospectus organized by Indian Pharmaceutical Association M.P. State Branch, Indore, 13th March, 2016.
7. Secretary, Two days National Seminar under University-Indsutry Intercation on Basic and Applied Immunology: An Indsutrial Perspective jointly organized by School of Pharmacy , School of Life Science and School of Biochemistry, Devi Ahilya Vishwavidyalaya, Indore, 27th-28th January, 2016.
8. Chairperson, Venue Committe and Member Local Organizing Committee, 20th Annual Convention of Association of Pharmaceutical Tecahres of India on Strategic Approaches to Strengthen Academic & Indsutrial Collaboration organized by Pharmacy Institutions of Madhya Pradesh, 9th-11th October 2015.
9. Convener, Transport Commitee-Pravah-2015, 30th National Youth Festival 2015 organized by Devi Ahilya Vishwavidyalaya, Indore, 12-16 February, 2015.
10. Programme Coordinator, A two-days programme for a short exposure on Bioinformatics : Research & Applications, 16th-17th October, 2007 organized by College Development Council & Institute Engineering & Technology, Devi Ahilya Vishwavidyalaya, Indore
11. रिपोर्ट लेखक, राष्ट्रीय सेमिनार : मध्यप्रदेश मे औषधि उद्योग चुनौतियों एवं सम्भावनाएं, दिनांक : २६मार्च, २०११, आयोजक-समसामयिक अध्ययन केंद्र, श्री मध्यभारत हिंदी साहित्य समिति, इंदौर एवं राष्ट्रीय बौद्धिक सम्पदा संगठन, नई दिल्ली.

RESEARCH GUIDANCE

Number of Ph.D. Awarded : (Supervised : 12, Co-supervised : 01)

S. No.	Name	Title of Research project work	Date of Registration	Date of award
1	Rashmia Dahima	Optimization and development of some fast dissolving tablet formulation of some bioactive agents	02.02.2008	09.02.2010
2	Deeraj T. Baviskar	Formulation and optimization of controlled release dosage form of calcium channel blockers as anti-hypertensive drugs	02.02.2008	08.12.2010
3	Anupama A Parate	Molecular modeling : Synthesis and biological evaluation of some heterocyclic compounds as antihypertensive agent	09.01.2008	26.04.2012
4	Anurekha Jain	Molecular modeling: Synthesis and biological evaluation of some substituted benzimidazole as antihypertensive agent	20.08.2007	14.05.2012
5	Sudha Vengurlekar	Synthesis and evaluation of some heterocyclic compounds as anti-fungal agents	02.02.2008	14.05.2012
6	J.R. Agarwal	Drug enforcement laws-Globalization vis-à-vis Indian Drug Laws	04.06.2006	13.11.2013
7	Jitendra Saini	Design, synthesis and evaluation of some novel thiolactones as anti-malarial agents	18.08.2009	28.09.2016
8	Ganesh P. Mishra	Structure based design, synthesis and evaluation of few novel PPAR agonists as hypoglycemic agents	18.08.2009	28.09.2016
9	Tamanna Narsinghani	Computer assisted molecular modeling, synthesis and biological evaluation of some new anti-inflammatory agents	24.06.2011	28.04.2017
10	Mayank Sharma	Formulation development and evaluation of nanotechnology based oral dosage forms of certain beta blockers and anticonvulsants	25.04.2011	30.12.2017

11	Navin Dhingra (Co-supervision)	Isolation and characterization of some phytochemicals from three Indian cultivars of Prunus domestica, Prunus Persica and Prunus dulcis and their efficacy study for the prevention of breast cancer	22.11.2010	14.03.2018
12	Prachi Patil	Investigation of combined chemical and microbiological synthesis of exemestane, an aromatase inhibitor used for the treatment of breast cancer	31.07.2014	05.06.2018
13	Swaraj Patil	Design, Synthesis and Biological od some new benzofuran derivatives	12.09.2013	24.10.2019

Number of M. Pharm. Research Project supervision	:	51
h-index (Google Scholar)	:	18
i10 index (Google Scholar)	:	30
Citations (Google Scholar)	:	950

PERSONAL DETAILS

Fathers Name	:	Late Shri Brham Deo Sharma
Mothers Name	:	Smt. Kamla Sharma
Date of Birth	:	16th March, 1973
Nationality	:	Indian
Martial Status	:	Married

Date: 18.11.2019

Dr. Rajesh Sharma