

Resume

Name Dr. (Mrs.) Radha Sharma
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Date of birth 23 August 1980
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Educational Qualification

Class/Degree	Board / University	Subject	Year	%
X	M.P.Board Bhopal.	All Basics	1994	82
XII	M.P.Board Bhopal.	Physics, Chemistry. Biology	1996	72
B.Pharm	RGPV, Bhopal	Pharmaceutical Sciences	1998-2002	77
M.Pharm	MAHE, Manipal	Pharmaceutical Quality Assurance	2003-05	72
Ph.D.	Jiwaji University, Gwalior	Pharmacology	2007-11	-

Teaching Experience (15Years)

S.NO.	Designation	Institution	Time period
1	Lecturer	SOS Pharmacy, Jiwaji University, Gwalior	18/10/2005 to 06/07/2008
2	Senior Lecturer	RNS College of Pharmacy, Sithouli, Gwalior.	07/07/2008 to 30/05/2009
3	Assi.Professor	ShriRam College of Pharmacy, Banmore	01/06/2009 to 30/01/2011
4	Asso.Professor	ShriRam College of Pharmacy, Banmore	31/01/2011 to 06/2016
5	Professor	ShriRam College of Pharmacy, Banmore	06/2016 to till date

Memberships

- Life member of Association of Pharmaceutical Teachers of India (APTI/LM/123).
- Life member of Association of Pharmaceutical Professional (APP/MP/LM-115/18).

Research projects

1. Development of atropine sulphate and obidoxime chloride and its combination as an antidote for organophosphorous pesticide and nerve agent toxicity in a self injectable autoinjector device as Ph.D. work.
2. Pre-formulation, formulation, analytical method development and validation of Venlafaxine hydrochloride Capsules by HPLC as M.Pharm Project.

Professional Training

1. M.Pharm project was carried out at Ranbaxy Research Laboratories, R&D-II, Gurgaon from August 2004 to April 2005.
2. Undergone in-plant training at Ranbaxy Research Laboratories, Dewas (M.P.) for one month.

Examinorship

- Examiner for B.Pharm and M.Pharm for Jiwaji University, Gwalior ,
- Rajiv Gandhi ProudयोगikiVishwavidyalaya, Bhopal.

M.Pharm Projects guided

1. Evaluation of diuretic activity of leaves of methanolic extracts of Ligustrum ovalifolium in experimental models.
2. Formulation and evaluation of floating drug delivery system of Mefenamic acid.
3. Development and evaluation of enteric coated tablet of Rabeprazole.

Workshops

1. Actively participated in National workshop on Thermal Analysis conducted by Jiwaji University, Gwalior during 15-16 December 2005.
2. Actively participated in National workshop on Intellectual Property rights issues conducted by Jiwaji University, Gwalior during 1 March 2006.
3. Actively participated as delegate in National workshop on establishment of Ayurveda, Yoga & Neuropathy, Unani, Sidha, Homeopathy (Ayush) research training institute & laboratories organized by Central Research Institute, Dept.ofAyush, Ministry of Health & Family Welfare, Govt. of India during 26-27 August 2006.
4. Ten days national workshop on "Research methodology" organized by School of commerce and business studies Jiwaji university, Gwalior during March 15-24 , 2015.
5. DST-NASI workshop for women regarding sensitization for S&T fellowships and internships organized by women development cell, Jiwaji University, Gwalior on May 22,2015.
6. Actively participated and attended IPGA sponsored two days national workshop on "The

future prospects in Pharma Marketing” organized by Shriram College Of Pharmacy, Banmore during 4-5 Octobr 2016.

7. Actively participated and attended GCOST sponsored two days national workshop on “Modern Instrumental Techniques of Pharmaceutical Analysis” organized by Parul Institute of Pharmacy, Baroda during 15-16 september 2018.

Book Chapter Published

- Chapter entitled “Trigonella foenum graecum (Methi Dana): An Effective Vaginal Contraceptive “published in “Utilization and Management of Medicinal Plants-Volume 3 2016, Daya Publishing House A Division of Astral International Pvt. Ltd. New Delhi – 110 002. (ISB No. 978-93-5124-705-0)
- Chapter entitled “Social media and internet as an effective tool in pharmacy professional-An overview” published in book entitled “Globalization pharmaceutical industry and media” by Amity Institute of Pharmacy Gwalior 2019. (ISBN No.978-93-5382-834-1)
- Chapter entitled “Modern approaches in pharmacovigilance system in India to assuring drug safety” published in book entitled “Pharmacovigilance for healthcare professionals: Scope and opportunities” by Amity Institute of Pharmacy Gwalior 2020 (ISBN No.978-93-5396-598-3).
- Recent targeted discovery of phytomedicines to manage endocrine disorder develops due to adapting sedentary lifestyle. Published in April 2023: In book: Recent Frontiers of Phytochemicals; ed.1 :pp.143-161. Publisher: Elsevier; DOI:10.1016/B978- 0-443-19143-5.00021-9.

Conference attended

1. International conference on toxicology, toxicogenomics and occupational health organized by SOS in Zoology, Jiwaji University, Gwalior during 9-11 Oct.2006.
2. National Seminar on multifunctional nanomaterial nanostructure and application, MNNA 2006” organised by Deptt. Of Physics and Astrophysics, University of Delhi, during 22-23 Dec.2006.
3. National conference on energy trends in medicinal plants and their biotechnological advance organized by Deptt. Of Botany, Dr.Ambedkar college, Deekshabhoomi, Nagpur during 5-6 Feb.2007.
4. National conference on Frontiers of research in chemical science, organized by Govt. Madhav Science College, Ujjain (M.P.) during 18-19 Feb 2007.
5. National conference on Current trends of nanotechnology in advance drug delivery” organized by Rungta college of pharmacy, Bhilai on 30 March 2007.
6. National seminar on controlled and targeted drug delivery-nanotechnology organized by Deptt. Of Pharmaceutical Sciences, Dr.H.S.Gaur University, Gwalior Saugar during 17-18 March.2007.
7. National Seminar on Energy trends in Plant Science-biodiversity, biotechnology and environmental conservation organized by SOS Botany Jiwaji University, Gwalior during 28-30 November 2007.
8. International conference on molecular mechanism of diseases, organized by DRDE, Gwalior

during 15-16 Feb.2008.

9. Illrd Madhya Pradesh Women Scientists Congress, 2013 (MPWSC): Contribution of women in science and technology, organized by Jiwaji University, Gwalior during 20-21 March 2013.
10. National conference on "Global Trends of Novel Therapeutics in Pharmaceutical Sciences" sponsored by MPSCT, Bhopal organized by Lashmi Narain College of Pharmacy, Bhopal held in 6th April 2013.
11. National conference on pharmaceutical industry-academia relation: current opportunities and future prospects, Organized by TNM research and development cell Institute of Professional Studies- College of Pharmacy, Gwalior (M.P.) during 16 November 2013.
12. Actively participated as delegate in "MPCST sponsored national seminar on "The impact of globalization in pharmaceutical industry and research", organized by Shriram College of Pharmacy, Banmore, Morena, (M.P.) during 21-22 March 2014.
13. 2nd National Women Conference – 2015 on Women in Science – Promoting Excellence and Innovation for Future Development organised by Jiwaji University, Gwalior during March 25-27, 2015.
14. "Indo-Bangladesh conference on Recent breakthroughs in pharmaceutical sciences: opportunities and challenges" organized by Shriram College of Pharmacy, Banmore, Morena, (M.P.) on 7 November 2017.
15. "Indo-Caribbean conference on Development and optimization of methods for the analysis of pharmaceuticals" organized by Shriram College of Pharmacy, Banmore, Morena, (M.P.) during 18-19 July 2018.
16. Internation conference on "Impact of globalization on Pharmaceutical industry and research: Role of media and communication" organized by Amity institute of pharmacy, Amity University Gwalior (M.P.) on August 23, 2019.
17. "National seminar on emerging opportunities in pharmacovigilance for healthcare professionals", organized by Amity Institute of Pharmacy, Amity University Gwalior, M.P. on January 22, 2020.

Abstract published

1. Abstract entitled "Development of stability indicating HPLC method for Venlafaxine hydrochloride ", published in "International conference on toxicology,toxicogenomics and occupational health organized by SOS in Zoology Jiwaji University, Gwalior during 9-11 Oct.2006.
2. Abstract entitled "Preparation and evaluation of Nifedipine/verapamil Nanocapsules for controlled release" published in National Seminar on multifunctional nonmaterial nanostructure and application, MNNA 2006"organised by Deptt. Of Physics and Astrophysics, University of Delhi, during 22-23 Dec.2006.
3. Abstract entitled "Herbal medicines- Present status and future challenges" published in National conference on energy trends in medicinal plants and their biotechnological advance organized by

Deptt. Of Botany, Dr.Ambedkar college, Deekshabhoomi, Nagpur during 5-6 Feb.2007.

4. Abstract entitled "SLS- A better media for dissolution testing of poorly water soluble antidiabetic drug", published in National conference on Frontiers of research in chemical science, organized by Govt. Madhav Science College, Ujjain (M.P.) during 18-19 Feb 2007.
5. Abstract entitled "Chemical libraries- as potent source for drug discovery" published in National conference on Frontiers of research in chemical science, organized by Govt. Madhav Science College, Ujjain (M.P.) during 18-19 Feb 2007.
6. Abstract entitled "New stability indicating RP-HPLC method for venlafaxine hydrochloride capsules" published in XXII young scientist congress organized by Samrat Ashok technological institute, Vidisha during 28 Feb-1 March 2007.
7. Abstract entitled "Formulation development and evaluation of Nifedipine nanocapsules for controlled release" published in National seminar on controlled and targeted drug delivery-nanotechnology organized by Deptt. Of Pharmaceutical Sciences, Dr.H.S.Gaur University, Gwalior Saugar during 17-18 March 2007.
8. Abstract entitled "New stability indicating HPLC method for quantification of Venlafaxine Hydrochloride" published in "National conference on Current trends of nanotechnology in advance drug delivery" organized by Rungta college of pharmacy, Bhilai on 30 March 2007.
9. Abstract entitled "Influence of some excipients on the potency of a novel antidepressant in solid dosage forms and in some binary mixtures by using differential scanning calorimetry" published in 12th APTI Annual National Convention organized by University institute of Pharmaceutical Sciences Punjab University, Chandigarh during 25-27 October 2007.
10. Abstract entitled "Nutraceuticals as medicine- an immencing and growing field of pharmacy" published in XXXth Botanical conference and National Seminar on Energy trends in Plant Science-biodiversity, biotechnology and environmental conservation organized by SOS Botany Jiwaji University, Gwalior during 28-30 November 2007.
11. Abstract entitled "IPR issues in relation to knowledge of traditional plant" published in XXXth Botanical conference and National Seminar on Energy trends in Plant Science-biodiversity, biotechnology and environmental conservation organized by SOS Botany Jiwaji University, Gwalior during 28-30 November 2007.
12. Abstract entitled "Phytonutrients-an important field of cosmetology" XXXth Botanical conference and National Seminar on Energy trends in Plant Science-biodiversity, biotechnology and environmental conservation organized by SOS Botany Jiwaji University, Gwalior during 28-30 November 2007.
13. Abstract entitled "Reactivation efficacy of different developed formulations of obidoxime chloride" published in Bulletin of Pharmaceutical Research 2012; 1(S) 46.
14. Abstract entitled "Effects of Venlafaxine on fetal damage: An overview" published in National conference on pharmaceutical industry-academia relation: current oppurtunities and future

prospects, Organized by TNM research and development cell Institute of Professional Studies- College of Pharmacy, Gwalior (M.P.) during 16 November 2013.

15. Abstract entitled "Applications of thermal analytical techniques in the development of different formulations of obidoxime chloride for organophosphorous compound poisoning" presented and published in MPCST sponsored national seminar on "The impact of globalization in pharmaceutical industry and research", organized by Shriram College of Pharmacy, Banmore, Morena, M.P. during 21-22 march 2014.
16. Abstract entitled "Formulation development and evaluation of different formulations of obidoxime chloride for nerve agent poisoning" presented and published in MPCST sponsored national seminar on "The impact of globalization in pharmaceutical industry and research" , organized by Shriram College of Pharmacy, Banmore, Morena, M.P. during 21-22 march 2014.
17. Abstract entitled "Challenges and Opportunities in Oral Formulation Development" presented and published in MPCST sponsored Indo-Caribbean conference national seminar on "The impact of globalization in pharmaceutical industry and research" , organized by Shriram College of Pharmacy, Banmore, Morena, M.P. during 21-22 march 2014.
18. "Indo-Caribbean conference on Development and optimization of methods for the analysis of pharmaceuticals" organized by Shriram College of Pharmacy, Banmore, Morena, (M.P.) during 18-19 July 2018.

Paper Publications

1. "Transethosome : A novel carrier for transcutaneous drug delivery an overview" published in Int J. Pharm. Sci. Res; 2023;14(8):3769-77.
2. "Analytical Techniques Used in Metabolomics: A Review" published in Systematic Reviews in Pharmacy, July 2022; 13(5):550-556. DOI:10.31858/0975-8453.13.5.550-556
3. "Solid Dispersion Technology for Enhancing the poorly Water-Soluble drug Hesperidin-A Review" JETIR 2019,6(1)1053-1059.
4. "Pharmacovigilance system and the future challenges in India-A perspective". Int.J.Pharm.Rese. special issue.2018 Jan-March10(1)27-31.
5. "Development and validation of new HPLC method for dissolution studies of novel antidepressant capsules." Int. J. Res. Rev. Pharm. Appl. Sci., (2018) 8(1) 083-087.
6. "Treatment of Wastes: A Biologic way". Int. J. Res. Rev. Pharm. Appl. Sci., (2018) 8(1) 088-106.
7. "Applications of silica-based microporous and mesoporous materials for drug delivery" International Journal of Research and Reviews in Pharmacy and Applied sciences Vol.7 Issue.1 2017, 1413-1417.
8. "Formulation development and evaluation of different formulations for nerve gas poisoning" World journal of pharmacy research volume 6, issue 15, 2017, 577-584.
9. Reactivation efficacy of sarin-inhibited acetylcholinesterase by obidoxime chloride in the presence of selected excipient and septum materials at different temperature. World journal of pharmacy research volume 4, issue 6, 2015, 947-956.
10. "Preparation and assessment of antiasthmatic Activity of different extract of ipomoea aquatica, Cinnamomum zeylanicum, and piper longum Containing polyherbal formulation", published in World journal of pharmacy research volume 4 issue 1, 2015.
11. "Evaluation of hypolipidemic activity of polyherbal formulation" published in World journal of pharmacy research volume 4 issue 1, 2015.
12. "Development and evaluation of novel formulation of trigonella foenumgraecum" published in World journal of pharmacy research volume 3, issue 9, 2014, 1207-1214.

13. "Biological shield to avoid defilements and diseases: immunity: an overview" published in World journal of pharmacy research volume 3 issue 7, 2014, 132-143.
14. "Cancer treatment: An overview of herbal medicines" published in world journal of pharmacy and pharmaceutical sciences volume 3, issue 8, 2014, 222-230.
15. "Bioavailability study of Norfloxacin co-prescribed with some analgesics", published in International Journal of Pharm Tech Research Vol.2, No.1, 31-35, Jan-Mar 2010.
16. "A new RP-HPLC method for the determination of nerve agent antidotes" published in Journal of Pharmacy Research Vol.3.Issue 3.March 2010, 612-614.
17. "Thermal analysis of interactions between an oxime and excipients in some binary mixtures by differential scanning calorimetry and thermo-gravimetric analysis", published in Journal of Pharmacy Research Vol.3.Issue 3.March 2010, 590-595.
18. "Quantitative NMR protocol for simultaneous estimation of atropine sulphate and obidoxime chloride in parenteral injection device" published in Journal of Pharm. Biomed. Anal., 49(4)2009.
19. "UV spectrophotometric method for simultaneous estimation of tizanidine and valdecoxib in tablet dosage forms" published in J. Indian Chem. Soc., Vol.86, July 2009, pp. 764-766.
20. "An overview of teratogenic effects of Venlafaxine Hydrochloride" published in Int.J. Pharm.Research.1 (2)2009, 170-172.
21. "UV-spectrophotometric method for determination of Venlafaxine Hydrochloride". Asian Journal of Chemistry, 21(9)2009, 7440-42.
22. "Synthesis of iso-coumarins and 3, 4- di-hydroxy-isocoumarins and evaluation of their biological activities" published in Advances in Pharm.Toxicol.9 (2)2008, 19-26.
23. "Study of teratogenic effects of ranitidine and famotidine on implantation in female rats" published in Advances in Pharm.Toxicol.9 (3)2008, 101-05.
24. "Thermal analysis of interaction between Venlafaxine Hydrochloride & excipients in solid dosage forms and in some binary mixtures" published in Asian Journal of Chemistry.20 (6)2008, 4625-31.
25. "Stability indicating RP-HPLC method for Venlafaxine Hydrochloride" published in Asian Journal of Chemistry.20 (8)2008, 6297-6300.
26. "Development of dissolution media for poorly water-soluble antidiabetic drug Glibenclamide" published in Int.Journal of Chemical Sci.5 (3)2007, 1457-62.
27. "In-vivo interaction studies of norfloxacin with thiamine hydrochloride and riboflavin", published in Flora and Fauna. 13(1)2007, 188-192.
28. "Drugs for breast cancer", published in The Anticeptic. 104(10)2007, 530-31.