

Interdepartmental and Inter-Institutional collaborative activity

University Institute of Pharmacy,(2010-2015)

Pt. Ravishankar Shukla University, Raipur

S. No.	Type of Collaboration	Collaboration with	Sponsors [Amount]	Output
Joint Publications				
1.	Auther: Vishal Jain, T. Jain, Swarnalata Saraf, Shailendra Saraf	Chhattisgarh Food and Drug Administration	DST-FIST UGC-MRP	HPTLC method for routine quality control of Ayurvedic formulation Drakshadi gutika. Asian J Pharm Ana 2013; 3 (4): 111-14.
2.	Authors: D. Singh, Manju Singh, Swarnlata Saraf , V.K. Dixit and S. Saraf	Department of Pharmaceutical Sciences, Dr. H S Gour University, Sagar (M.P.)		Formulation Optimization of Metronidazole Loaded Chitosan Microspheres for Wound Management by 3-Factor, 3-Level Box-Behnken Design Micro and Nanosystems, 2010; 2(2): 70-77.
3.	Authors: D. Singh, M. Singh, VK Dixit, S.Saraf, S.Saraf.	Department of Pharmaceutical Sciences, Dr. H S Gour University, Sagar (M.P.)		Effect of formulation variables on preparation of GM loaded PLGA microspheres, Indian drugs. 2010, 47:12; 35-44.
4.	Auther: Gunjan Jeswani, Amit Alexander, Swarnlata Saraf, Shailendra Saraf, Azra Qureshi, Ajazuddin	Rungta College of Pharmacy, CSVTU, Bhilai, Durg. Faculty of Pharmaceutical Science,	SERB	Recent approaches for reducing hemolytic activity of chemotherapeutics agents. Journal of Controlled Release,2015, 211:10-21. (doi:10.1016/0168-3659.2015).

Shri Shankaracharya,
CSVTU, Bhilai, Durg.

(Impact Factor: 8.078)

5. Authors: M Pradhan, D
Singh, SN Murthy, MR
Singh.

Department of
Pharmaceutics, School of
Pharmacy, University of
Mississippi, Oxford, MS,
USA

DHR-ICMR
UGC-MRP

Design, characterization and skin permeating potential of Fluocinolone acetonide loaded nanostructured lipid carriers for topical treatment of psoriasis. **Steroids**, 2015, 101, 56-63

6. Authors: JR Kanwar, K
Roy, Y Patel, SF Zhou,
MR Singh, D Singh, M
Nasir.

Nanomedicine-
Laboratory of
Immunology and
Molecular Biomedical
Research (NLIMBR),
School of Medicine
(SoM), Molecular and
Medical Research
(MMR) Strategic
Research Centre, Faculty
of Health, Deakin
University, Waurn
Ponds, Victoria 3217,
Australia

Department of Food
Science & Human
Nutrition, Faculty of Bio-
Sciences, University of
Veterinary & Animal
Sciences, Lahore, Punjab
54000, Pakistan

Department of

Multifunctional Iron Bound
Lactoferrin and Nanomedicinal
Approaches to Enhance Its Bioactive
Functions. **Molecules**, 2015, 20 (6),
9703-9731

		Pharmaceutical Sciences, College of Pharmacy, University of South Florida, Tampa, FL 33612, USA	
7.	Authors: D Singh, S Srivastava, M Pradhan, JR Kanwar, MR Singh.	Nanomedicine- Laboratory of Immunology and Molecular Biomedical Research (NLIMBR), School of Medicine (SoM), Molecular and Medical Research (MMR) Strategic Research Centre, Faculty of Health, Deakin University, Waurn Ponds, Victoria 3217, Australia	Inflammatory Bowel Disease: Pathogenesis, Causative Factors, Issues, Drug Treatment Strategies, and Delivery Approaches. Critical Reviews™ in Therapeutic Drug Carrier Systems 2015, 32 (3), 181- 214
8.	Authors: Amber Vyas*, Sushil Bhargava, Paridhi Bhargava ² , S.S. Shukla, R. Pandey and R.S. Bhadauria	Shrinath Ji Institute of Pharmacy, Upli Oden, Nathdwara, Rajsamand, Rajasthan (India).	Evaluation of Antipyretic Potential of Aegle marmelos (L.) Correa Leaves Oriental Journal of Chemistry 2011, Vol. 27, No. (1): Pg. 253-257
9.	Authors: A. Vyas, S. S. Shukla, R. Patel, R. Pandey, V. Jain, D. Singh and B.P. Nagori	Pharmacy wing, Lachoo Memorial College of Science and Technology, Sector A, Shastri Nagar, Jodhpur- 342 005 (India).	Development and Validation of Spectrophotometric Method for Estimation of Cephalexin in Bulk and Tablet Dosage Forms, Oriental Journal of Chemistry, 2011, Vol. 27, No. (1): Pg. 359-362

10.	Auther: Junaid Khan, Amit Alexander, Ajazuddin, Swarnlata Saraf and Shailendra Saraf	Rungta College of Pharmacy, CSVTU, Bhilai, Durg.	DST-FIST,MANF-UGC	Luteolin–phospholipid complex: preparation, characterization and biological evaluation. <i>J. Pharmacy & Pharmacology</i> , 2014;66(9): 1240-1250. (Impact factor-2.16)
11.	Auther: Amit Alexander, Ajazuddin Junaid Khan, Swarnlata Saraf and Shailendra Saraf	Rungta College of Pharmacy, CSVTU, Bhilai, Durg.	DST-FIST,MANF-UGC	Formulation and evaluation of chitosan-based long-acting injectable hydrogel for PEGylated melphalan conjugate. <i>J. Pharmacy & Pharmacology</i> , 2014;66(10): 1451-1462. (Impact factor-2.16)
12.	Auther: Ajazuddin, Amit Alexander, Azra Qureshi, Leena Kumari, Pramudita Vaishnav, Mukesh, Swarnlata Saraf, Shailendra Saraf	Rungta College of Pharmacy, CSVTU, Bhilai, Durg.	CGCOST SERB	<i>Role of herbal bioactives as a potential bioavailability enhancer for active pharmaceutical ingredients.</i> <i>Fitoterapia</i> 2014; 97: 1-14. (Impact Factor: 2.321)
13.	Auther: Anshita Gupta, Chanchal Deep Kaur, Shailendra Saraf, Swarnlata Saraf.	Rawatpura Sarkar Institute of Pharmacy, CSVTU, Bhilai, Durg.	UGC-SAP DST-FIST	<i>Formulation, characterization, and evaluation of ligand-conjugated biodegradable quercetin nanoparticles for active targeting.</i> <i>Artificial cells, nanomedicine, and biotechnology</i> 2015, Early Online; 1-11 (doi:10.3109/21691401.2015.1008503). (Impact Factor: 0.853)
14.	Auther: Ajazuddin, Amit Alexander Swarnlata	Rungta College of Pharmacy, CSVTU,	UGC-SAP DST-FIST	<i>Polyethylene glycol (PEG)–Poly(N-isopropylacrylamide) (PNIPAAm) based thermosensitive injectable hydrogels for</i>

	Saraf, Shailendra Saraf	Bhilai, Durg.		<i>biomedical applications.</i> European Journal of Pharmaceutics and Biopharmaceutics 2014; 88(03): 575-85. (Impact Factor: 4.737)
15.	Auther: Swarnlata Saraf, Junaid Khan, Amit Alexander, Ajazuddin, Shailendra Saraf	Rungta College of Pharmacy, CSVTU, Bhilai, Durg.	DST-FIST	Recent advances and future prospects of phyto-phospholipid complexation technique for improving pharmacokinetic profile of plant active. Journal of Controlled Release. 2013 Mar 6;168(1):50-60.(Impact factor-7.2)
16.	Auther: Swarnlata Saraf, Anshita Gupta, Chanchal Deep Kaur, Manmohan Jangde, Shailendra Saraf	Rawatpura Sarkar Institute of Pharmacy, CSVTU, Bhilai,Durg	UGC-SAP	Dermatological Consequences of Photosensitization with an Approach to treat them Naturally. Pakistan Journal of Biological Sciences 2014; 17 (2): 161-72.
17.	Auther: Amit Alexander, Shubhangi Dwivedi, Tapan K Giri, Swarnlata Saraf, Shailendra Saraf, Dulal Krishna Tripathi	Rungta College of Pharmacy, CSVTU, Bhilai, Durg.	DST-FIST	<i>Approaches for breaking the barriers of drug permeation through transdermal drug delivery.</i> Journal of Controlled Release 2012; 164 (1): 26-40.(Google Scholar Citation: 17) (Impact Factor 7.768)
18.	Auther: Chanchal Deep Kaur, Swarnlata Saraf	Rawatpura Sarkar Institute of Pharmacy, CSVTU, Bhilai,Durg	UGC-MRP	Photoprotective herbal extract loaded nanovesicular creams inhibiting ultraviolet radiations induced photoaging. International Journal of

			Drug Delivery,2011,(3) 699-711 (Impact Factor 1.02)
19.	Author.s: Vyas, A; Shukla, S S; Pandey, .R; Jain, V; Gidwani, B	Columbia Institute of pharmacy, Raipur (C.G.)	Chervil: A Multifunctional Miraculous Nutritional Herb Asian Journal of Plant Sciences (2012), 11(4): 163-171.
20.	Author : Shuka SS, Gidwani Bina, Pandey R, Rao SP, Singh V and Vyas Amber	Columbia Institute of Pharmacy, Raipur (C.G.)	“Importance of Pharmacovigilance in Indian Pharmaceutical Industry”, Asian Journal of Research in Pharmaceutical Science, 2012, 2,04-08.
21.	Author: Swarnali Das, Preeti K. Suresh, Rohitas Desmukh	School of Pharmacy and Technology Management, NMIMS University, Mumbai, Maharashtra, India	Design of Eudragit RL 100 nanoparticles by nanoprecipitation method for ocular drug delivery, Nanomedicine: Nanotechnology, Biology, and Medicine 6 (2010) 318–323. (Impact factor: 5.44).
22.	Author: Swarnali Das, Preeti K. Suresh	School of Pharmacy and Technology Management, NMIMS University, Mumbai, Maharashtra, India	Drug Delivery to Eye: Special Reference to Nanoparticles, International Journal of Drug Delivery, 2, 2010, 12-21.
23.	Author: Swarnali Das, Preeti K. Suresh	Faculty of Pharmaceutical science, Shri Sankarachary college of Pharmacy, CSVTU, Bhilai, Durg	Nanosuspension: a new vehicle for the improvement of the delivery of drugs to the ocular surface. Application to amphotericin B, Nanomedicine: Nanotechnology,

			Biology, and Medicine 7 (2011) 242–247. (Impact factor: 5.44).
24.	Author: Swarnali Das, Preeti K. Suresh	Faculty of Pharmaceutical science, Shri Sankarachary college of Pharmacy, CSVTU, Bhilai, Durg	Ion-paired Drug Delivery: An Avenue for Bioavailability Improvement. Sierra Leone Journal of Biomedical Research, 2011, 3(2), 70-76, (ISSN 2219-3170
25.	Author: Swarnali Das, Preeti K. Suresh	Faculty of Pharmaceutical science, Shri Sankarachary college of Pharmacy, CSVTU, Bhilai, Durg	Drug delivery to eye: Special reference to nanoparticles. Suresh International Journal of Drug Delivery 2 (1).2011.
26.	Author: Khomendra Kumar Sarwa, Preeti K. Suresh, Manabendra Debnath and Mohammed Zaki Ahmad	Department of ICMR Pharmaceutical science, Dibrugarh University, Assam Department of Human Physiology, DDM College, Khowai, Tripura, India; Department of Pharmaceutics, College of Pharmacy, Najran University, Kingdom of Saudi Arabia	Tamoxifen citrate loaded ethosomes for transdermal drug delivery system: Preparation and characterization..Current Drug Delivery 2013, 10 (4), 466-476. Current Drug Delivery 2013, 10 (4), 466-476. (ISSN) Impact Factor: 2.248
27.	Author: Khomendra	Department of ICMR	Penetration of tamoxifen citrate

Kumar Sarwa, Preeti K
Suresh, Mithun Rudrapal
and Manabendra
Debnath

Pharmaceutical science,
Dibrugarh University,
Assam

loaded ethosomes and liposomes
across human skin: A comparative
study with confocal laser scanning
microscopy.. Current Drug Delivery
2014, 11(3), 332-337. Impact Factor:
2.248

Book/ Book Chapter

28. Authors: Swarnlata Saraf,
Shailendra Saraf ,La-Anh
Le

Rosemead
Surgery,Maidenhead,
East Berksire, SL68DS,
**Kings College
London,UK**

Second Generation Sulfonylurea
Glipizide Loaded Biodegradable
Nanoparticles in Diabetes. Science
Publishers 2012. 227–247. Print
ISBN: 978-1-57808-729-7.DOI:
10.1201/b11775-17

29. Authors: Swarnlata Saraf

**Guru
GhasidasUniversity,**
Bilaspur

Formulating Moisturizers Using
Natural Raw Materials. Springer-
Verlag Berlin Heidelberg, 2012. DOI
– 10.1007/978-3-642-27606-4.

30. Authors: Swarnlata Saraf,
Chanchal Deep Kaur,
Anshita Gupta

Rawatpura Sarkar
Institute of Pharmacy,
CSVTU, Bhilai,Durg

Assessment Antioxidant potentials of
photoprotective herbs, Scholar Press,
Omni Scriptum,GmbH & co.KG,
Germany (In Press). ISBN 10:
3639667026

31.	Authors: Chanchal Deep Kaur, Swarnlata Saraf	Rawatpura Sarkar Institute of Pharmacy, CSVTU, Bhilai, Durg	Nanoemulsions and their topical applicability" in "Handbook of Nanoparticles", Synthesis, Functionalization and Surface Treatment - Springer Verlag GmbH (Germany), ISBN 978-3-319-15337-7
32.	Authors: Jeswani, Gunjan, Saraf, Swarnlata, Verma, Parmanand	Faculty of Pharmaceutical Science, Shri Shankaracharya, CSVTU, Bhilai, Durg	Antioxidant Cream: A Novel Cosmetic Formulation for Treatment of Wrinkles LAP Lambert Academic Publishing, 2013, ISBN 978-3-659-35636-0
33.	Authors: Amber Vyas, Manju Singh, Deependra Singh, Vishal Jain, Bina Gidwani and Nagendra Singh Chauhan.	Drug Testing Laboratory Avam Anusandhan Kendra, AYUSH, Gov. of Chhattisgarh Raipur	Utilization of Cyclodextrin and its Derivatives in Novel Delivery of Herbal Constituents and Bioactives, Bioactive Phytochemicals: Perspectives for Modern Medicine, Vol. 2 Chapter-22,471-498 Daya Publishing House, New Delhi, 2012
34.	Nagendra Chauhan, Satish Patel, Deependra Singh, Ashish Baldi.	Drug Testing Laboratory & Research Center, State Gov. Lab AYUSH, Raipur ISF College of Pharmacy, Moga	Biotechnological Approaches for Conservation and Improvement of Rare and Endangered Medicinal Plants. Biotechnology in Medicine and Herbal Drug Development, First edited by Bansal P, Das SN, 01/2014: pages 167-187; Basera Verlag, Germany., ISBN: 978-81-92064-0-4.
35.	Authors: Junaid Khan, Azajuddin, A. Vyas, M Singh, D. Singh.	Department of Pharmacy Rungta college of Pharmaceutical science	Acute and chronic effect of Hibiscus rosa sinensis flower extract on anxiety induced exploratory and

		& Research, Bhilai (C.G.)		locomotor activity in mice. J. Plant Sciences, 2011, 6(2), 102-107.
Doctoral research				
36.	Title: Phytochemical, Pharmacological and Antimicrobial Studies on the Fruits of Diospyros Montana Roxb.	School of Studies in Life Sciences		PhD degree awarded to Shubra Goutam
R&D Project				
37.	Title: National Center for Natural Resources (NCNR) – On-going	University Institute of Pharmacy; SoS in Regional Studies; SoS in Biotechnology; School of Life Sciences; SoS in Chemistry; PRSU,	DST – From 2012 [905 lac]	Manpower under training: 26
Conference/ Symposium Organized				
38.	Title: Advances & avenues the in the Development Cargoes for Bioactives	National Seminar by Indian Pharmaceutical Assoiciation, Chhattisgarh Branch All pharmacy college of Chhattisgarh	UGC-SAP	31 th January to 2 nd February 2013; Attended by 1200 participation from different states
39.	Title: Future of Pharmacy Education in	National Seminar by Assoiciation of	National	From 3 rd February 2013

	Chhattisgarh: Challenges Ahead	Pharmaceutical Teachers of India, Chhattisgarh Branch, Teachers from all pharmacy colleges of Chhattisgarh	Seminar	Attended by 400 students & 50 teachers from different states
40.	Title: Advances and Avenu in Novel Drug Delive System for Therapeutical Effective Plant Actives	Pharmaceutics, School of Pharmacy, University of Mississippi, Oxford, MS, USA	AICTE	29 th October to 30 th October, 2014 Attended by 100 participation of different states .
41.	Title: Pharmaceutical Research in Indian and Modern Medicine	All pharmacy college of Chhattisgarh & different states	Refresher Course	From 10 th February to 3 rd March ,2014 Teachers from all pharmacy colleges of Chhattisgarh
42.	Title: Recent advances in novel and cosmetic technology	All pharmacy college of Chhattisgarh & different states	National Seminar	27 th August to 29 th August, 2014 Attended by 100 participation of different state Indian resource persons.
43.	Title: Chromatographic and Spectroscopic analysis for Phytoconstitents	All pharmacy college of Chhattisgarh & different states	UGC Sponsored National Seminar	14th March to 16th March. 2013 Attended by 200 students & 50 teachers from different states
44.	Title:Nanodermatology Advances, Pitfalls and Futu Challenges	All pharmacy college of Chhattisgarh & different states	National Seminar	From 28 th April to 30 th April 2014. Attended by 150 students & 50 teachers from different states.

45.	Title: Chromatographic and Spectroscopic analysis for phytoconstituents	All pharmacy college of Chhattisgarh & different states	UGC-Sponsored National Workshop	from 14 th March to 16 th March, 2013 Attended by 150 students & 50 teachers from different states.
46.	Title: Hands-on Training on Diagnosis of Diseases and Molecular Evaluation	All pharmacy college of Chhattisgarh & different states	National Workshop	11 th November to 13 th November, 2014. Attended by 100 students & 40 teachers from different college of Chhattisgarh
47.	Title: Current Education System: Challenges and Solution	National Seminar Organised by University Institute of Pharmacy, Pt. Ravi Shankar Shukla University, Raipur, Kushabhau Journalism & Mass communication University Shiksha Sanskriti Uthan Nyas, New	National Seminar	21 th January to 22 th January, 2014. Attended by 250 delegates & 100 teachers from different colleges of the Chhattisgarh.
Professional Activity				
48.	Title: Pharma Education and Practice: Present Scenario and Future	National Elocution Competition by IPA,	National Elocution	Preliminary Round 18th Oct. 2013 Attended by 15 participants of different pharmacy college of

	Prospects	Chhattisgarh State branch All pharmacy college of Chhattisgarh	Competition	Chhattisgarh.
49.	Title: Pharma Vision 2020: India-Pharmacy of the world-role of Indian Regulators and Pharma Industry	National Elocution Competition by IPA, Chhattisgarh State branch All pharmacy college of Chhattisgarh	National Elocution Competition	Preliminary Round 20 th Nov. 2014 Attended by 15 participants of different pharmacy college of Chhattisgarh.
50.	Title: Pharmacist in Public Health	All pharmacy college of Chhattisgarh	51st National Pharmacy Week	Celebrated from 27th November to 30th November 2012. Attended by 300 students & 60 teachers from different college of Chhattisgarh
51.	Title: Pharmacist: A Healthcare Professional	All pharmacy college of Chhattisgarh	52nd national pharmacy week	Celebrated From 17 th November – 24th November, 2013. Attended by 400 students & 50 teachers from different college of Chhattisgarh.
52.	Title: Responsible use of Medicines : Role of Pharmacist	All pharmacy college of Chhattisgarh	53rd National Pharmacy Week	Celebrated from 16th to 23rd November, 2014. Attended by 280 students & 50 teachers from different college of Chhattisgarh

