

Dr. Swarnlata. Saraf, M.Pharm., Ph.D.,
Professor,
Ex- Director, University Institute of Pharmacy,
Former **Dean**, Faculty of Technology, Pt. Ravishankar Shukla University, Raipur –
492 010, Chhattisgarh,
B.Pharm.(IT,BHU), **M.Pharm. Ph. D.**(Dr. H.S. Gour University, Sagour)



**Academic & Research
Tenure:**

23 years

- **Director**, University Institute of Pharmacy, Pt.Ravishankar Shukla University, Raipur from July 2013 to June 2016(3 years)
- **Dean**, Faculty of Technology, Pt.Ravishankar Shukla University, Raipur from September 2013 to Aug 2015. (2 years)
- **Chairman, Chhattisgarh Pharmacy Board of studies**, 2014 to till date.
- **Chairman, Board of studies**, Pt.Ravishankar Shukla University, Raipur from 2013 to till date.
- **Professor**, University Institute of Pharmacy, Pt.Ravishankar Shukla University, Raipur from August 2010.
- **Reader**,University Institute of Pharmacy, Pt.Ravishankar Shukla University, Raipur, till August 2010.
- **Principal**,Rawatpura Sarkar Institute of Pharmacy,Kumhari,Durg,till August 2004
- **Reader (Contract)** , University Institute of Pharmacy, Pt.Ravishankar Shukla University, Raipur, till April 2004
- **Reader**, B.R. Nahata College of Pharmacy, Mandsaur (M.P.) till 2002.
- **Lecturer**, B.R. Nahata College of Pharmacy, Mandsaur (M.P.) since 1995.
- **Lecturer**,one academic session, Maharaja Surajmal College of Pharmacy Bharatpur (Raj.) 1989
- **Analytical Chemist**, 6 months, Swastik Formulation Private Limited, Mughalsarai, Varanasi 1988
- **Industrial Trainee**, 45 days (During graduation program), Smith Stanistreet Pharmaceuticals Ltd 18

Industrial Experience

convent road kolkata 700014, West Bengal,1987

Membership in National Statutory Bodies

National Assessment Accreditation Council, Bangaluru

- Trained NAAC Assessor
- Member Co-ordinator of Visiting committee of colleges, state & Central universities

University Grant Commission, New Delhi

- Member, Visiting committee for the approval of University (nominated)
- Expert, Major Research Project Screening & interface committee
- One of the Subject Co-ordinator(IPR)-e Pathashal
- Co-ordinator of Chhattisgarh, B.Pharm. Course NME-ICT, Bangaluru, 2015

Department of Science & Technology, New Delhi

- Expert, Research Project evaluation,

Indian Council of Medical Research, New Delhi

- Expert, Research Project evaluation

Pharmacy Council of India, New Delhi (PCI)

- Member Interaction session with Pharmacists Feb 23rd -24th, 2017.
- Special Invitee, PCI meeting 2017
- Member, M.Pharm. Scheme & Syllabus committee 2016
- Member, Pharmacy Council of India (UGC Nominee) 2008-2013
- Member, Education Regulation Committee
- Member, PG Institute Scrutiny Committee
- Member, Visiting Committees
- Convener, Concept note initiated for Continuing Education Program (CEP)_Education

All India Council for Technical Education, New Delhi(AICTE)

- Member, Visiting committee of AICTE for the approval of Institutions

Staff Selection Commission, New Delhi

- Expert,
Central zone, Assistant Drug Inspector Selection Committee

Directorate of Chhattisgarh Technical Education (DTE)

- Member, Visiting committee for the approval of Institutions.

Public service commission, Chhattisgarh

- Expert, Examination Committee(Drug Inspectors)

VYAPAM, Chhattisgarh

- Expert, Examination Committee(Pharmacists)

Administrative experience

- **Member,**
Academic Council, Pt. Ravishankar Shukla University, Raipur. C.G. (2008-2014)
- **Member,**
Research Degree Committee, Pt. Ravishankar Shukla University, Raipur. (2004-2014)
-

Awards & Honors & Fellowships:

- **Junior Research Fellowship** of.U.G.C.,1989-1991(during M. Pharm Program)
- **Senior Research Fellowship** of CSIR. New Delhi.,1992-1994(during Ph.D. Program)
- Qualified **GATE-1988**,conducted by **IIT, Kanpur.**
- **Merit Award**, Brihad Bhartiya Samaj Bombay, 1987
- National award for **Best Research Paper** of APTI, 2007
- National award for **Best Research Paper** of IPC,2005
- Golden Jubilee Illustrious alumni award, Dr. H. S. Gour University, Sagar.
- Dr. P. D. Sethi Annual Award, 2010, Certificate of Merit for the research paper in Pharmaceutical Analysis

International Honor:

- Expert, Project Evaluation, Israel Science foundation, Israel.

National Honors:

- Member,Indian Pharmaceutical Congress Association, IPCA,69th IPC Chandigarh,22-24th December 2017
- Chaired Scientific session 68TH IPC,17th December 2016,Vishakhapatnam
- Received Baburam Saxena running trophy for – UTD's Best Department Award for the session 2013-14 & 2014-15 during her tenure as a Director in the university
- **First Lady Vice- President of Indian Pharmaceutical Teachers Association (2016-2018)**
- **Member Scientific committee** of Indian

Pharmaceutical Congress (IPC- SSC :2013-2015)

- **Speaker, 65th Indian Pharmaceutical Congress, 2014**, in scientific session: Sustaining Quality in Pharmaceutical Education, deliver talk on Quality by continuing education
- **Member, Indian Delegation** of Pharmacy council of India for the study of Pharmacy Profession of UK, 2010
- **Member as Indian delegation** of Pharmacy council of India, FIP, Hyderabad, INDIA, 3-8 september, 2011
- **Co-Chaired Scientific Session** of 60th Indian Pharmaceutical Congress (IPC) 2008, New Delhi
- **Co-Chaired , Scientific Sessions** of 59th Indian Pharmaceutical Congress (IPC), 2007, Banaras Hindu University, Varanasi.
- **Expert**, Project Evaluation, Indian Council of Medical Research, New Delhi
- **Referee**, IJPER Best paper award, 2007, An official journal of APTI, India.
- **Expert**, Project evaluation committee, Chhattisgarh Science & Technology, Chhattisgarh
- **Expert**, Project selection committee, Chhattisgarh Science & Technology, Chhattisgarh
- **Member**, Protocol Committee, 59th Indian pharmaceutical congress, BHU, Varanasi
- **Member**, Hospitality Committee, 59th Indian pharmaceutical congress, BHU, Varanasi
- Vice-President, State Branch of Indian Pharmaceutical Association (IPA)
- President, State Branch of Association of Pharmaceutical Teachers of India (APTI)

Research Interest:

- **Pharmaceutics Specialization: Novel drug delivery system specifically polymeric & herbal, Formulation development, cosmetic technology, Herbal Cosmetics.**

Research
Supervision:

- Ph.D. guided: 17;
- Current Ph.D Students Working: 02
- M.Pharm. Guided: 29

Publications:

Books 05, Book chapters-05 (CRC, Informa)

Research Papers and Review Published – 220
Abstracted/ presented in Conferences - 40
Patent applied – 14(one screened from first examination)
Google scholar H-index :29(SCOPUS-22) & i 10 index :79
Citations : more than 3877

Multidisciplinary project:

- National centre for natural resources, DST (worth 10 crore)

Institutional Projects:

- UGC-SAP, DST-FIST, AICTE-MODROB,

Research Projects:

- Principal Investigator of Project entitled Targeted delivery of Phytoconstituents to reduce ultraviolet radiation generated skin cancer sanctioned by University Grant Commission (UGC) New Delhi, Under MRP Scheme (2011-2014)(completed successfully).
- Deputy Co-Ordinator of Project sanctioned by UGC- SAP to University Institute of Pharmacy (completed 2011-2016).
- **Core Team Member** of Project sanctioned by Department of Science and Technology (DST) to University Institute of Pharmacy under DST- FIST scheme (completed)
- **Principal Investigator** of Project entitled Development of safety and quality control parameters of herbal cosmetics sponsored by AICTE, New Delhi, Under RPS (Completed,2007-2009).
- **Principal Investigator** of Project entitled Formulation and evaluation of herbal cosmetics sanctioned by University Grant Commission (UGC) New Delhi, Under MRP Scheme (Completed 2007-2010).
- **Principal Investigator** of Project entitled Development and characterization of multi-component micro capsular system of non-steroidal anti-inflammatory formulation sanctioned by Chhattisgarh Council for Science & Technology (CG COST), (Completed 2006-2008).

Countries Visited:

- Geneva, Switzerland, 16th -20th August 2009
- London, UK, April 2010, Member, Study group of Pharmacy Council of India for the study of Pharmacy Profession in UK.
- Singapore, November 2013, Participated and

presented paper in 6th AASP Conference, National University of Singapore, Singapore.

Editorial Experience:

- Dubai, UAE, 15-17th March 2015
 - Editorial member, IJPER, An official publication of APTI, 2016-2018
 - Member of editorial board in Trends in Medical Research, New York.
 - Member of editorial board in Journal of medical sciences, New York.
 - Member of editorial board in Journal of pharmaceutical sciences and nanotechnology, Hyderabad.
 - Member of National advisory Board Journal of Young Pharmacists, Medknow Publication
 - Member of editorial board in Journal of Diabetes and Endocrinology, www.academicjournals.org/jde, USA
- ✓ Book by Bentham Science Publishers, Emirates
- ✓ Association of American Pharmaceutical Society, AAPS, USA.
- ✓ Journal of Cosmetic Dermatology, Blackwell Synergy (Wiley Sc)
- ✓ International reputed journal Phcog.Net, India.
- ✓ Current pharmaceutical research journal, India.
- ✓ IJPER, An official journal of APTI, India.
- ✓ Academic journal of Press, New York.
- ✓ International journal of Pharmacology, Scialert.com, New York
- ✓ International journal of Molecular science, Switzerland
- ✓ Drug Delivery Formulation, Bentham Series.
- ✓ Journal of microencapsulation, APhA, USA
- ✓ Journal of Applied polymer Science, USA
- Journal of Controlled Drug Delivery, Bentham Sci Series

Symposia/Workshops/Meetings Organized:

International:

- **Member, Indian Delegation of pharma profession,** International Federation of Pharmaceutical (FIP)

National:

- **Convener** :workshop on Intellectual property Right in association with NRDC & IP India, New Delhi at Pt. Ravishankar Shukla University, 22nd January 2016
- **Convener,** AICTE sponsored staff development programme held at University Institute of Pharmacy, Pt. R.S.U, Raipur (C.G.) from 3rd December 2013 – 17th December 2013
- **Joint Coordinator** UGC-SAP Sponsored National

Seminar on Advances and Avenues in the development of cargoes for bioactives. NDDS of Plant extracts and Actives held at University Institute of Pharmacy, Pt. R.S.S.U, Raipur (C.G.) from 31st January 2012 – 2nd February 2013

- **Joint Coordinator** UGC-Sponsored National Workshop on “Chromatographic and Spectroscopic analysis for Phytoconstituents” organized by UIOP, Pt. RavishankarShukla University, Raipur (C.G.) from 14 March-16 March 2013.
- **Co- Chaired** Scientific Sessions of 60th Indian Pharmaceutical Congress(IPC)2008,New Delhi.
- **Organizing secretary**, UGC sponsored seminar on current advances in novel and cosmetic technology,19-20 March 2007, at Institute of Pharmacy, Pt Ravishankar Shukla University, Raipur.
- **Organizing secretary**, AICTE sponsored seminar on Quality Perspectives of herbal cosmetic technology,8-9 sept. 2007, at Institute of Pharmacy, Pt Ravishankar Shukla University, Raipur.(sanctioned)
- **Coordinator** of AICTE Sponsored Staff Development Programme on Current Trends in Pharmaceutical Analytical Techniques held on Feb 24-March 10, 2006 at Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur.
- **Co-Chairperson** of UGC sponsored Seminar of Indian society of Pharmacognosy on “Current Advances in Phytopharmaceuticals” held on 11-12 March 2006, at Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur.
- **Organizer** of APTI seminar on “Pharma education in Chhattisgarh: Challenges and prospects” held on 24th Dec 2006, at Shri Rawatpura Sarkar Institute of Pharmacy, Raipur.
- **Joint Coordinator** of PCI sponsored workshop on Health Education, held on March 28-29, 2000 at B. R. Nahata College of Pharmacy, Mandsaur.
- **Joint Coordinator** of Workshop on “Biotechnological Approach For the production of Medicinally Active Plant Constituents”. Sponsored by Madhya Pradesh Council for Science & Technology (MP COST), Bhopal (M.P.).

Professional Society Membership: **International**

- Federation of International Pharmaceutical(FIP)-**31642(2011)**

National

- Life Member, MP/MAN/LM/002,Indian Pharmaceutical Association. (IPA).

- Life Member, Indian Society of Pharmacognosy. (ISP).
- Life Member, CG/LM/033, Association of Pharm. Teachers of India. (APTI).
- Life Member, MP Pharmacy Graduates Association. (MPPGA).
- Member, Controlled Release Society(CRS)
- **Founder President of APTI**, State Branch Chhattisgarh
- Vice President of IPA, Chhattisgarh state Branch till date.
- Founder Vice President of IPA, Mandsaur Local Branch (2001-02).

Important Contributions:

Technology Innovation : Pharmaceutics

- Value addition to existing herbs in Chhattisgarh.
- Working on drug delivery, herbal delivery, cosmetics and herbal formulations development.

Registered Pharmacist

1143 Chhattisgarh State Council

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Work

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09448072777
Prof.V.K.Dixit,Dr.H.S. Gour University,
Sagour,Phone:9425647546

Year wise Publications in Journals

2017

1. Targeting of herbal bioactives through folate receptors: a novel concept to enhance intracellular drug delivery in cancer therapy, A Gupta, CD Kaur, S Saraf, S Saraf, *Journal of Receptors and Signal Transduction* 37 (3), 314-323, 2017 (Impact Factor: 2.28)
2. Development and optimization of apigenin-loaded transfersomal system for skin cancer delivery: in vitro evaluation, MS Jangdey, A Gupta, S Saraf, S Saraf, *Artificial cells, nanomedicine, and biotechnology*, 1-11, 2017 (**Impact Factor: 5.61**)
3. Fabrication, in-vitro characterization, and enhanced in-vivo evaluation of carbopol-based nanoemulsion gel of apigenin for UV-induced skin carcinoma, MS Jangdey, A Gupta, S Saraf, *Drug Delivery* 24 (1), 1026-1036 (**Impact Factor: 6.40**)
4. Recent advancements in liposomes targeting strategies to cross blood-brain barrier (BBB) for the treatment of Alzheimer's disease, M Agrawal, DK Tripathi, S Saraf, S Saraf, SG Antimisiaris, S Mourtas, ..., *Journal of Controlled Release*; 2017 (**Impact Factor: 8.48**)
5. Anti-inflammatory and associated analgesic activities of HPLC standardized alcoholic extract of known ayurvedic plant *Schleichera oleosa*, MJ Khan, S Saraf, S Saraf, *Journal of ethnopharmacology* 197, 257-265, 2017 (Impact Factor: 2.998)

2016

6. Preparation and evaluation of luteolin–phospholipid complex as an effective drug delivery tool against GalN/LPS induced liver damage, J Khan, S Saraf, S Saraf, *Pharmaceutical development and technology* 21 (4), 475-486
7. A Alexander, RJ Patel, Swarnlata Saraf, S Saraf; Recent expansion of pharmaceutical nanotechnologies and targeting strategies in the field of phytopharmaceuticals for the delivery of herbal extracts and bioactives, *Journal of Controlled Release*, 2016 (Impact Factor: 8.48)
8. Manmohan Singh Jangdey, Anshita Gupta, Chanchal Deep Kaur and Swarnlata Saraf; Assessment of Utilization, Value addition and characterization of Tamarind: A Natural Gum of Chhattisgarh; Review Article, *International Journal of Pharmaceutical Research & Allied Sciences*, 5(2), 323-334, 2016.
9. Anshita Gupta, Chanchal Deep Kaur and Swarnlata Saraf; Comparative evaluation of Two Different Novel Formulations of Quercetin Against Non Melanoma Skin Cancer In Human Subjects. *Clinical and Experimental Dermatology*, 7(3). 2016 (Impact Factor: 1.09)
10. Anshita Gupta, Chanchal Deep Kaur and Swarnlata Saraf; Targeting of Herbal Bioactives through folate receptors: A novel concept to enhance intracellular drug delivery in cancer therapy, *Journal of Receptor and Signal Transduction Research*, 2016 (Impact Factor: 2.28)
11. Amit Alexander, Swarnlata Saraf, Shailendra Saraf; Understanding the role of poloxamer 407 based thermoreversible in situ gelling hydrogel for delivery of PEGylated melphalan conjugate. *Current Drug Delivery*, 13(999), 2016 (Impact Factor: 1.48)

2015

12. Swarnlata Saraf, Anshita Gupta, Amit Alexander, Junaid Khan, Manmohan Jangde, and Shailendra Saraf; Advancements and Avenues in Nanophytomedicines for Better Pharmacological Responses; Review Article, Journal of Nanoscience and Nanotechnology, American Scientific Publishers, Vol. 15, 1–10, 2015 (Early online), (Impact Factor: 1.33)
13. Anshita Gupta, Chanchal Deep Kaur, Shailendra Saraf, Swarnlata Saraf; Formulation, characterization and evaluation of ligand conjugated biodegradable quercetin nanoparticles for active targeting ; 1; Research Article; Artificial Cells, Nanomedicine & Biotechnology, Informa (Impact Factor 1.89)
14. Amit Alexander, Swarnlata Saraf, Shailendra Saraf. A comparative study of chitosan and poloxamer based thermosensitive hydrogel for the delivery of PEGylated melphalan conjugates. Drug Development and Industrial Pharmacy 2015, Early Online; 108(doi:10.3109/03639045.2015.1011167) (Impact Factor: 2.006)
15. Junaid Khan, Swarnlata Saraf, Shailendra Saraf. Preparation and evaluation of luteolin phospholipid complex as an effective drug delivery tool against GalN/LPS induced liver damage. Pharmaceutical Development and Technology 2015, Early Online; 112 (doi:10.3109/10837450.2015.1022786). (Impact Factor: 1.335)
16. Anshita Gupta, Chanchal Deep Kaur, Shailendra Saraf, Swarnlata Saraf. Formulation, characterization, and evaluation of ligand conjugated biodegradable quercetin nanoparticles for active targeting. Artificial cells, nanomedicine, and biotechnology 2015, Early Online; 111 (doi:10.3109/21691401.2015.1008503). (Impact Factor: 0.853).
17. Gunjan Jeswani, Amit Alexander, Swarnlata Saraf, Shailendra Saraf, Azra Qureshi, Ajazuddin, Recent approaches for reducing hemolytic activity of hemotherapeutic agents. Journal of Controlled Release, 2015, 211:10-21. (doi:10.1016/0168-3659.2015). (JIF: 8.078, SCOPUS, (F).
18. Nikita Verma, Anshita Gupta, Shailendra Saraf, Swarnlata Saraf, Potential of Flavanoid Rich Herbal Formulation in Treating Skin Aging Complications. J. Atoms and Molecules 5(2); 2015. (I)

2014

19. Amit Alexander, Ajazuddin Junaid Khan, Swarnlata Saraf and Shailendra Saraf; Formulation and evaluation of chitosan based longacting injectable hydrogel for PEGylated melphalan conjugate. J Pharm Pharmacol. 2014 Sep; 66(9):124050. (Impact factor 2.2)
20. Swarnlata Saraf, Anshita Gupta, Chanchal Deep Kaur, Manmohan Jangde, Shailendra Saraf, Dermatological Consequences of Photosensitization with an Approach to treat them Naturally. Pakistan Journal of Biological Sciences 2014; 17 (2): 16172. (Google Scholar Citation: 1).
21. Amit Alexander, Ajazuddin, Junaid Khan, Swarnlata Saraf, Shailendra Saraf. Polyethylene glycol (PEG)–Poly(Nisopropylacrylamide) (PNIPAAm) based thermosensitive injectable hydrogels for biomedical applications. European Journal of Pharmaceutics and Biopharmaceutics 2014; 88(03): 57585. (Impact Factor: 4.737)

22. Ajazuddin , Amit Alexander, Azra Qureshi , Leena Kumari, Pramudita Vaishnav, Mukesh Sharma, Swarnlata Saraf, Shailendra Saraf; Role of herbal bioactives as a potential bioavailability enhancer for Active Pharmaceutical Ingredients; *Fitoterapia* 97 (2014) 1–14.(Impact factor2.4)
23. Junaid Khan, Amit Alexander , Ajazuddin, Swarnlata Saraf and Shailendra Saraf, Luteolin–phospholipid complex: preparation, characterization and biological evaluation. *J Pharm Pharmacol.* 2014 Oct;66(10):145162.(Impact factor2.2)
24. Swarnlata Saraf, Matrix Metalloproteinase Enzymes and their naturally derived inhibitors: Novel targets in Photocarcinoma therapy, Review article, *Ageing Research Reviews*, Review article, *Ageing Research Reviews*, Elsevier , Volume 13, January 2014, Pages 65–74 (Impact factor7.6)
25. Swarnlata Saraf, Manjusha Jharaniya, Anshita Gupta, Vishal Jain, Shailendra Saraf, Herbal hair cosmetics: Advancements and recent findings. *World Journal of Pharmaceutical Research* 2014;3(2): 32783294.

2013

26. Saraf Swarnlata, Anshita Gupta, Shailendra Saraf, Exploration of novel targets for effective extracellular matrix therapy through herbal drugs, *Pharma Times*, September 2013
27. Swarnlata Saraf , Continuing Pharmacist Education Need To Be More In India, *RIPER PDIC Bulletin*, (ISPOR IndiaAndhra Pradesh Chapter News Letter), JulyAugust, 2013, Volume 4, Issue 34, 1213 [ISSN 22308741]
28. Amit Alexander, Ajazuddin Junaid Khan, Swarnlata Saraf and Shailendra Saraf Poly(ethylene glycol)–poly(lacticoglycolic acid) based thermosensitive injectable hydrogels for biomedical applications; *Journal of Controlled Release* 172 (2013) 715–729.(Impact factor7.2)
29. Sahu S, Saraf S, Kaur CD, Saraf S. Biocompatible nanoparticles for sustained topical delivery of anticancer phytoconstituent quercetin, *Pakistan Journal of Biological Science*, 16, 13, 601609, 2013. Pubmed, Scopus, Thomson Reuters.
30. Swarnlata Saraf, Amit Alexander, Shubhangi Dwivedi, Ajazuddin, Tapan K Giri, Shailendra Saraf, Dulal Krishna Tripathi . Approaches for breaking the barriers of drug permeation through transdermal drug delivery. . *Journal of Controlled Release.* 164 (2012) 2640. .(Impact factor7.2)
31. Advancement in stimuli triggered in situ gelling delivery for local and systemic route. Ajazuddin, Alexander A, Khan J, Giri T, Tripathi D, Saraf S, et al. *Expert Opinion on Drug Delivery.* 2012 Dec; 9(12):157392. .(Impact factor4.2)
32. Swarnlata Saraf, Junaid Khan, Amit Alexander, Ajazuddin, Shailendra Saraf. Recent advances in phytophospholipid complexation technique for improving pharmacokinetic profile of plant active. *Journal of Controlled Release.* 2013 Mar 6;168(1):5060.(Impact factor7.2)

33. Vishal Jain, T. Jain, Swarnalata Saraf, Shailendra Saraf, HPTLC method for routine quality control of Ayurvedic formulation Drakshadi gutika. *Asian J Pharm Ana* 2013; 3 (4): 11114.
34. Swarnalata Saraf, Shailendra Saraf, Shikha Shrivastava, Ethosomes as smart herbal formulation for wrinkles. *Journal of Ravishankar University* 2013; 9(18): 2426.
35. Ravindra Pandey, Shiv Shankar Shukla, Swarnalata Saraf, Shailendra Saraf, Standardization and validated highperformance thinlayer chromatographic fingerprint method for quantitative determination of plumbagin in a traditional Indian formulation. *JPC Journal of Planar Chromatography Modern TLC* 2013; 26 (5): 44044.(Impact Factor: 0.955)

2012

36. Development of photoprotective creams with antioxidant polyphenolic herbal extracts, *Research J Medicinal plant*, 6, 1, 8391, 2012. EISSN: 21517924, PISSN: 18193455, ASCIDatabase , Google Scholar , SCIMAGO ,SCOPUS Online published , DOI: 10.3923/rjmp.2012.83.91
37. Photoprotective herbal extract loaded nanovesicular creams inhibiting ultraviolet radiations induced photoaging. *International Journal of Drug Delivery*, (Impact Factor 1.02)
38. Swarnalata Saraf, Sumit Kour Chhabra, Chanchal Deep Kaur, Shailendra Saraf, Development of photochemoprotective herbs containing cosmetic formulations for improving skin properties. *Journal of cosmetic science* 2012; 63 (2): 11931. (Impact Factor: 0.302)
39. Shiv Shankar Shukla, Swarnalata Saraf, Shailendra Saraf, Simple and Rapid Spectrofluorometric Fingerprint Development of Quinine in Unani Formulation. *Asian Journal of Research in Chemistry* 2012; 5 (1): 1417.
40. Shiv Shankar Shukla, Swarnalata Saraf, Shailendra Saraf, Development and validation of spectrophotometric fingerprint method of 6-gingerol in herbal formulation: Talisadi Churna. *Research Journal of Pharmacy and Technology* 2012; 5 (1): 13840.
41. Vishal Jain, S. J. Daharwal, Tripti Jain, Swarnalata Saraf, Shailendra Saraf, Spectrophotometric method for routine quality control of Ayurvedic formulation Drakshadi gutika. *Research J. Pharm. and Tech.* 2012; 5 (2): 285287.
42. Vishal Jain, S. J. Daharwal, Tripti Jain, Swarnalata Saraf, Shailendra Saraf, HPTLC methods for quantification of gallic acid in Bhuvneshvara vati for routine quality control. *Asian Journal of Research In Chemistry* 2012; 5 (2): 193196.
43. Amit Alexander, Shubhangi Dwivedi, Tapan K Giri, Swarnalata Saraf, Shailendra Saraf, Dulal Krishna Tripathi, Approaches for breaking the barriers of drug permeation through transdermal drug delivery. *Journal of Controlled Release* 2012; 164 (1): 2640.(Google Scholar Citation: 17) (Impact Factor 7.768)

44. Ajazuddin, Amit Alexander, Junaid Khan, Tapan Kumar Giri, Dulal Krishna Tripathi, Swarnlata Saraf, Shailendra Saraf, Advancement in stimuli triggered in situ gelling delivery for local and systemic route. *Expert Opinion on Drug Delivery* 2012; 9 (12): 157392. (Google Scholar Citation: 8) (Impact Factor: 4.896)

Year 2011

45. A. Vyas, V. Jain, D. Singh, M. Singh, S. Shukla, R. Pandey, Swarnlata Saraf, Shailendra Saraf, TLC Densitometric Method for the Estimation of Piperine in Ayurvedic Formulation Trikatu Churna. *Oriental Journal of Chemistry* 2011; 27 (1): 30104. (Google Scholar Citation: 1)
46. R. Singour, S. Kapoor, Shailendra Saraf, Swarnlata Saraf, Formulation and characterization of herbal cosmetic multiple emulsion. *Journal of Research And Education In Indian Medicine* 2011; 17 (12): 2327.
47. Shiv Shankar Shankar, Swarnlata Saraf, Shailendra Saraf, TLC densitometric fingerprint development and validation of 6gingerol as marker in polyherbal ayurvedic formulations. *Latin American Journal of Pharmacy* 2011; 30 (4) 64753.
48. Swarnlata Saraf, D.R. Patel, C.D. Kaur, Shailendra Saraf, Cytoskeleton Analysis as Target for Bioactives. *Trends in Applied Sciences Research* 2011; 6 (8): 78293.
49. Ravindra Pandey, Swarnlata Saraf, Shailendra Saraf, Densitometry Method for Determination of Cinnamaldehyde in a Traditional Indian Formulation. *Asian Journal of Research in Chemistry* 2011; 4 (12): 195356.
50. Swarnlata Saraf, Sunil M. Hargude, Chanchal Deep Kaur, Shailendra Saraf, Formulation and Evaluation of Herbal Shampoo Containing Extract of *Allium sativum*. *Research Journal of Topical and Cosmetic Sciences* 2011; 2 (1): 1820.
51. Vishal Jain, Ambar Vyas, Swarnlata Saraf, Shailendra Saraf, TLC densitometric methods for quantification of gallic acid in Triphala churna for routine quality control. *Research Journal of Pharmacy and Technology* 2011; 4 (2): 230233. (Google Scholar Citation: 2)
52. Vishal Jain, Ambar Vyas, Swarnlata Saraf, Shailendra Saraf, HPLC Determination of Piperine in 'Trikatu Churna' a Potent Ayurvedic Formulation for Routine Quality Control. *Asian Journal of Research in Chemistry* 2011; 4 (2): 18386. (Google Scholar Citation: 2)
53. Deependra Singh, Manju Rawat Singh, Swarnlata Saraf, Shailendra Saraf, Development of Delivery Cargoes for Debriding Enzymes Effective in Wound Healing. *Trends in Applied Sciences Research* 2011; 6 (8): 863876. (Google Scholar Citation: 2)
54. Swarnlata Saraf, Avijit Ghosh, Chanchal Deep Kaur, Shailendra Saraf, Novel modified nanosystem based lymphatic targeting. *Res J Nanosci Nanotechnol* 2011; 1 (2): 6074. (Google Scholar Citation: 11)

55. Swarnlata Saraf, Rahul Rathi, Chanchal Deep Kaur, Shailendra Saraf, Colloidosomes an Advanced Vesicular System in Drug Delivery. Asian Journal of Scientific Research 2011; 4 (1): 115.(Google Scholar Citation: 19)
56. Swarnlata Saraf, Deepankar Gupta, Chanchal Deep Kaur, Shailendra raf, Microneedles: From Micromachining to Transdermal Drug Delivery. Int J Cur Biomed Phar Res 2011; 1 (2): 8087. (Google Scholar Citation: 2)
57. Deependra Singh, Manju Rawat Singh, Swarnlata Saraf, Formulation Optimization of Controlled Delivery System for Antihypertensive Peptide using Response Surface Methodology. American Journal of Drug Discovery and Development, 2011,1(3): 174187.
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