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## Curriculum Vitae

## Prof. Shailendra Saraf

**M. Pharm., Ph. D.**

Professor, Pharmaceutical Sciences

Dean, Faculty of Technology

Ex- Director, University Institute of Pharmacy

Pt. Ravishankar Shukla University, Raipur

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**Website:**

[www.iopraipur.ac.i](http://www.iopraipur.ac.i); [www.prsu.ac.in](http://www.prsu.ac.in)

## Profile

- **Member, Pharmacy Council of India**, New Delhi since 2007
- **Chairman, PG Committee of Pharmacy Council of India**
- **Dean**, Faculty of Technology at Pt. Ravishankar Shukla University, Raipur, C.G for five tenure (**2002-2013; 2015-2017**)
- **Director**, University Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur (**2002-2013**)
- **Principal** (founder), B.R.N. College of Pharmacy, Mandsaur, M.P (**1995-2002**)
- **27 years** of experience in teaching and research, including.
- Active associations with national statutory/accreditation councils /bodies like, University Grants Commission ( **UGC, New Delhi**), All India Council for Technical Education (**AICTE, New Delhi**), Pharmacy Council of India (**PCI New Delhi**), National Assessment and Accreditation Council (**NAAC, Bangalore**) and **National Board for Accreditation (NBA, New Delhi)**.
- Member, academic council and member, academic planning and evaluation board, Pt. RSU, (**2002-2013**).
- High quality publications related to herbal drugs and novel formulations in different national and international referred journals. **Scopus h-index -17 ; total citation 1329. Google Scholar h index-21; Citation 2354; and i10 index -44.**
- Holding key positions in various reputed professional bodies like **APTI, IPA, IPCA** and **ISP** at state and national levels.
- Represented as national delegation in study group constituted by Pharmacy council of India to visit **UK** and participated in international conference at **Singapore, Switzerland** and **UAE**.
- Associated with more than **25** Universities as an expert/ member selection committee, Board of Studies etc..
- Successfully handled many research projects from various national funding agencies like, **UGC, AICTE, CGCOST, DST, DBT, MPCST.**



- Member of editorial board/ reviewer of national and international research journals of high impact factor.

## Education

<b>Ph.D.</b> (1993) <b>Topic of Thesis:</b>	Dr. Hari Singh Gour University, Sagar University, Sagar, M.P. <i>Investigations on some Indigenous Plants useful in Liver affections.</i>
<b>M. Pharm.</b> (1988)	Dr. Hari Singh Gour University, Sagar University, Sagar, M.P.
<b>B. Pharm.</b> (1986)	Dr. Hari Singh Gour University, Sagar University, Sagar, M.P.
<b>B.Sc. 1st Year</b> (1982)	Saugor University, Sagar University, Sagar, M.P.
<b>HSSC</b> (1981)	Madhya Pradesh Board of Secondary Education, Bhopal, M.P.

## Fellowship/Awards

- **Senior Research Fellowship** of M.P.U.G.C.
- **Senior Research Fellowship** of CSIR. New Delhi.
- **Research Associate** of C.S.I.R., New Delhi.
- **Golden Jubilee Illustrious alumni award**, Dr. H. S. University, Sagar.
- **Dr. P. D. Sethi Annual Award, 2010, Certificate of Merit for the research paper in Pharmaceutical Analysis.**
- **Best paper** award by Association of Pharmaceutical Teachers of India (**APTI**) at 13<sup>th</sup> Annual National Convention, Bilaspur, held on 3-4 October 2008 for the paper entitled,
- **Best paper** award in Indian Pharmacy Congress (**IPC**) in 2005 held at Hyderabad, Andhra Pradesh.

## Teaching Experience

**27 Years**

**13 years**

University Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur(Since 2002)



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<b>7 Years</b>	B.R. Nahata College of Pharmacy, Mandsaur (M.P.)
<b>1 Years</b>	B.N. College of Pharmacy, Udaipur (Raj.)
<b>6 Years</b>	Department of Pharmaceutical Sciences. Dr. H. S. Gour University Sagar., M.P.(As Ad-hoc teacher and Research Scholar)
<b>Research Experience</b>	<b>22 Years</b>
<b>Research Guidance Experience</b>	<b>13 Years</b>
	<b>Supervised (Ph.D.) : 14</b>
	<b>Submitted/ Registered (Ph.D.) : 02</b>
	<b>PG Projects : 20</b>
<b>Administrative Experience</b>	<b>20 Years</b>
<b>11 Years</b>	<b>Dean</b> , Faculty of Technology Pt. Ravishankar Shukla University, Raipur, ( <b>Six Tenure 2002-2004; 2005-2007; 2007-2009; 2009-2011; 2011-2013 and 2015-2017</b> )
<b>11 Years</b>	<b>Director</b> , Pt. Ravishankar Shukla University, Raipur, C.G. ( <b>November 2002 to June 2013</b> )
<b>07 Years</b>	<b>Principal</b> , B.R. Nahata College of Pharmacy, Mandsaur, M.P. (1995-2002)
<b>1.5 Years</b>	<b>Member</b> , Executive Council, Pt. Ravishankar Shukla University, Raipur. C.G. (2003-2004;2009-2009)
<b>13 Years</b>	<b>Member</b> , Academic Council, Pt. Ravishankar Shukla University, Raipur. C.G. (2002-2014)
<b>10 Years</b>	<b>Chairman</b> , Board of Studies in Pharmacy, Pt. Ravishankar Shukla University, Raipur, C.G. ( <b>Six Tenure 2002-2014</b> )
<b>11 Years</b>	<b>Member</b> , Research Degree Committee, Pt. Ravishankar Shukla University, Raipur. (2004-2014)
<b>11 Years</b>	<b>Member</b> , Academic Planning and Evaluation Board, Pt. Ravishankar Shukla University, Raipur. (2003-2013)



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## Registrations and Memberships

### **Registered Pharmacist Number**

- Chhattisgarh State Pharmacy Council **1142**

## Association with National Statutory Bodies

### **Pharmacy Council of India (PCI), New Delhi**

- **Member**, Pharmacy Council of India (Since 2007).
- **Chairman**, Professional Pharmacy and Public Relation Committee
- **Chairman**, PG Committee
- **Member**, Education Regulation Committee of **PCI**.
- **Member**, Finance Committee of **PCI**.
- **Member**, National level Anti ragging Committee of **PCI**.
- **Member**, Visiting Committees of **PCI**.

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

- **Member**, Central Regional Committee of **AICTE** (2005-2007).
- **Member**, Visiting committee of **AICTE** for the approval of Institutions.
- **Member**, Scrutiny committee for Approval of Institutions.

### **University Grants Commission (UGC), New Delhi**

- **Member**, Visiting committee for the inclusion of institutions under the ambit of University.
- **Member**, Visiting committee for the purpose of 11th plan allocation.
- **Member**, Visiting committee of **UGC** for the review of Deemed Universities.
- **Member**, Expert Committee of **UGC** for approval University u/s 12B.
- **Member**, Expert Committee of **UGC** for the review of Private University.

### **National Accreditation & Assessment Council of India (NAAC)**

- Approval Assessor of **NAAC**
- **Chairman**, Peer Team for the Accreditation of Institutions.
- **Member Coordinator**, Peer Team for the visit of Institutions.
- **Member**, Peer Team for the visit of different Universities and Institutions.

### **National Board of Accreditation (NBA)**

- **Chairman**, expert committee for the purpose accreditation of Pharmacy Institutions.
- **Member**, expert committee for the purpose Accreditation of Pharmacy Institutions.
- **Member**, Selection Committee for the nomination of Experts and Chairman for the purpose accreditation of Pharmacy Institutions.



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### **Mentor Council, Ministry of Labour and Employment Government of India**

- **Member**, Mentor Council for Health Care Sector.

### **Foreign Visit**

1. Geneva, Switzerland, 16th -20th August 2009.
2. London, UK, April 2010, Member, Study group of Pharmacy Council of India for the study of Pharmacy Profession in UK.
3. Singapore, November 2013, Participated and presented paper in 6th AASP Conference National University of Singapore, Singapore.
4. Dubai, UAE, March 2015

### **Association with Scientific Journals**

- **Reviewer**, International Journal of Pharmaceutics, Elsevier.
- **Reviewer**, Drug Development and Industrial Pharmacy, Informa Health Care.
- **Reviewer**, European Journal of Pharmaceutics and Biopharmaceutics, Elsevier.
- **Reviewer**, European Journal of Pharmaceutical Sciences, Elsevier.
- **Reviewer**, Fitoterapia, Elsevier.
- **Reviewer**, Current Drug Delivery” by Bentham Publishers.
- **Reviewer**, African Journal of Pharmacy and Pharmacology, Academic journals.
- **Member**, Editorial Board, PlantaIndica.
- **Member**, Editorial Board, Biotech Bioscience research Asia.
- **Member**, Editorial Board, Plant Archives.

### **Association with State Bodies**

- **Member**, State level committee for Technical education
- **Expert**, CG Council for Science and Technology, Raipur.
- **Expert**, MP Council for Science and Technology, Bhopal.
- **AYUSH, Government of Chhattisgarh**
- Drug Control Department, **Government of Chhattisgarh**

### **Positions held in Professional Bodies**

- **Chairman**, State Branch of Indian Pharmaceutical Association Past President (Founder) IPA Mandasaur Branch.
- **President**, State Branch of Association of Pharmaceutical Teachers of India.
- **Member**, Executive Committee of Society of Pharmacognosy.
- **Member, Indian Pharmaceutical Congress Association, IPCA**

### **Membership of National Professional Bodies**

- **Life Member**, Indian Pharmaceutical Association. **(IPA)**.
- **Life Member**, Indian Society of Pharmacognosy**(ISP)**.
- **Life Member**, Association of Pharm. Teachers of India. **(APT)**.
- **Life Member**, Indian Society for Technical Education.**(ISTE)**
- **Life Member**, MP Pharmacy Graduates Association. **(MPPGA)**.



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## Associated with Universities as expert selection committee/Expert Board of Studies/Ph. D. Examiner

- Andhra University, Vishakhapatnam, Andhra Pradesh
- Banaras Hindu University, Varanasi
- Bundelkhand University, Jhansi
- Chhattisgarh Swami Vivekanand Technical University, Bhilai, CG
- CV Raman University, Bilaspur
- Devi Ahliya University, Indore
- Dr. H.S. Gour Central University, Sagar, MP
- Guru Ghasidas Central University, Bilaspur.
- Jamia Hamdard University, New Delhi
- Jawahar Lal Nehru Technical University, Hyderabad, Andhra Pradesh.
- Jiwaji University, Gwalior.
- JSS University, Mysore, Karnataka
- KLE University Belgaum, Karnataka
- MD University, Rohtak,
- ML Sukadia University, Udaipur, Rajasthan.
- NMIM University, Mumbai.
- Rajiv Gandhi Technical University, Bhopal, M.P.
- Sant Gadge Baba, University, Amaravati, MH.
- Sant Tokdoji Maharaj, Nagpur University, Nagpur, MH
- Sarguja University, Ambikapur, Chhattisgarh.
- S.G.V. University, Raipur
- Shivaji University, Kolhapur, MH.
- University of Pune, Pune, MH.
- University of Delhi, Pushpvihar, New Delhi
- Vikram University, Ujjain, MP

## Seminar/ Workshop/Staff Developments Organized

1. **Coordinator, AICTE** Sponsored, two weeks, Faculty Development Programme (FDP) under the theme "Recent advances in designing of novel formulation for plant actives & extract" held at University Institute of Pharmacy, Pt. R.S.S.U, Raipur (C.G.) from 3rd December 2013.
2. **Coordinator, UGC-SAP** Sponsored National Seminar on Advances and Avenues in the development of cargoes for bioactives. held at University Institute of Pharmacy, Pt. R.S.S.U, Raipur (C.G.) from 31st January 2012 – 2nd February 2013.
3. **Coordinator, UGC-Sponsored** National Workshop on "Chromatographic and Spectroscopic analysis for Phytoconstituents" organized by UIOP, Pt. Ravishankar Shukla University, Raipur (C.G.) from 14 March-16 March 2013.
4. **Coordinator, UGC** sponsored National Seminar on Advances in Pharmaceutical Research, 28-30 January 2011 at UIOP, Pt. RSSU, Raipur.
5. National Level Seminar-2 Days (19-20 March 2007).
6. National Level Seminar-2 Days (November 2007).



7. **AICTE** sponsored Staff Development Program, organized by the Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur
8. ISP- Seminar on Recent Advances in Phytopharmaceuticals, Sponsored by **UGC**, Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur, C.G, March 11-12, 2006
9. **Coordinator**, workshop on "Biotechnological Approach For the production of Medicinally Active Plant Constituents". sponsored by MP COST, Bhopal (M.P.)
10. **Coordinator**, Workshop sponsored by Pharmacy Council of India on 'Health Education' [March 2000].
11. **In - charge** of Scientific Committee of Workshop on 'ER-91' sponsored by PCI, B.N. College of Pharmacy, Udaipur. [April 1995,]

### Research Projects Awarded

1. **Project Co-coordinator**, Identification, documentation, conservation, isolation, and development of delivery systems for treatment of diseases/disorders prevalent in the state of Chhattisgarh, National centre for natural resources funded by Department of Science and Technology (DST), India (IRPHA10 Crores). 2011
2. **Principal Investigator** of Project entitled "Phytochemical and Pharmacological Evaluation of some Ethnic Immunomodulator Plants of Chhattisgarh" sanctioned by University Grant Commission (UGC) New Delhi, Under MRP Scheme (**14.13 Lakhs**). 2015
3. **Principal Investigator** of project entitled "Development and Characterization of Phospholipids Complexes of Some Plant Actives for Improving Bioavailability" AICTE, New Delhi- RPS (**14.7 Lakhs**), 2014
4. **Project Coordinator** of project sanctioned by University Grant Commission (UGC) New Delhi under UGC SAP scheme (**50.50 Lakhs**). 2011
5. **Project Coordinator** of project sanctioned by Department of Science and Technology (DST) to University Institute of Pharmacy under DST-FIST scheme (35 lakhs) 2010
6. **Principal Investigator** of Project entitled "Development of quality control methods for some Ayurvedic Formulations" sanctioned by University Grant Commission (UGC) New Delhi, Under MRP Scheme (**9.7 Lakhs**). 2008
7. **Coordinator**, project of **AICTE** under **MODROB**, "Modernization of Herbal Technology Laboratory" (**15 Lakhs**). 2006
8. **Principal Investigator** of Project entitled "Bio-Technological Approach for the production of Plant Constituents with Special Reference to Antimalarial Activity" sanctioned by Madhya Pradesh Council for Science & Technology (MP COST), Bhopal (M.P.).
9. **Principal Investigator** of Project entitled "Ethnomedicinal survey and Phytochemical and Pharmacological studies on medicinal plants of Chhattisgarh". Sponsored by **AICTE**, New Delhi, Under RPS (**12 Lakhs**). 2003

### Ph. D. Awarded under the Supervision: 14

1. **Dr. S. J. Daharwal, 2007**  
Development of methods for simultaneous estimation of some multicomponent formulations.



2. **Dr. Kamlesh Dashora, 2007**  
Development and characterization of multi-component microcapsular system of nonsteroidalantiinflammatory formulations
3. **Dr. R. B. Saudagar, 2008**  
Development of analytical methods for the estimation of some marketed formulations
4. **Dr. Amit Roy, 2008**  
Phytochemical and pharmacological studies of some ethnopharmacologically important plants of Chhattisgarh
5. **Dr. Mahendra Singh Ashawat, 2008**  
Formulation and evaluation of some herbal cosmetics.
6. **Dr. Deependra Singh, 2008**  
Novel approaches for development of drug delivery system for management of wounds
7. **Dr. Vishal Jain, 2008**  
Development of quality control parameters of some Ayurvedic formulations (Gutika, Churna and vatis)
8. **Dr. Karunakar Shukla, 2008**  
Validation of preparation process and fingerprinting of some Ayurvedic formulation.
9. **Dr. Shubhra Gautam, 2009**  
Phytochemical, Pharmacological and anti-microbial studies on the fruits of Diospyros Montana Roxb.
10. **Dr. Ravindra Pande, 2012**  
Development of fingerprinting of some formulations of indigenous system of medicine.
11. **Dr. Shivshankar Shukla, 2012**  
Development of quality control parameters of some formulations containing herbals.
12. **Dr. Ajazuddin, 2012**  
Development and standardization of modern dosage forms for indigenous medicinal formulations
13. **Mr. Amit Alexander 2015**  
Understanding the role of thermosensitive copolymer based injectable hydrogels of Melphalan
14. **Mh. Junaid Khan 2015**  
Standardization, pharmacological evaluation and development of novel lipid based carrier system of some traditionally used medicinal plants.





## Publications/Patents Details

### Publication Summary

Books	: 01
Book Chapters	: 03
Research Papers Published Conferences	: 181
Conferences	: 76
<b>Patent applied</b>	<b>: 11</b>

### Scopus Citation

Citation	:1329
h-index	:17

Saraf, Shailendra

[About Scopus Author Identifier](#) | [View potential author matches](#)

Pt. Ravishankar Shukla University,  
Raipur, India

Other name formats: Saraf  
Saraf, Swarniata  
Alexander, Amit  
[View More](#)

Author ID: 44862087200

<http://orcid.org/0000-0002-8384-9370>

9370

Documents: 92

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Citations: 1329 total citations by 1211 documents

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h-index: 17

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Co-authors: 59

Subject area: Pharmacology, Toxicology and Pharmaceutics , Biochemistry, Genetics and Molecular Biology

### Google Scholar Citation

Citation	: 2354
h-index	: 21
i 10-index	: 44

### Google Citation Index

## Prof. Shailendra Saraf

### Google Scholar

University Institute of Pharmacy, Pt.  
Ravishankar Shukla University, Raipur,  
Chhattisgarh  
[pharmaceutical sciences, medicinal plants, pharmacognosy](#)

Citation indices	All	Since 2010
Citations	2354	1961
h-index	21	20
i10-index	44	40



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### Patents Filed

- Inventors:** Swarnlata Saraf, Shailendra Saraf  
**Title:** *Method and process of preparation of natural hair oil using herbs.*  
**Details:** Patent file No: 2259/MUM/2013, Dated: 04/07/2013.
- Inventors:** Swarnlata Saraf, Shailendra Saraf, Anshita Gupta, Chanchal deep Kaur.  
**Title:** *Novel topical formulation combating the redox triggered skin enzymes.*  
**Details:** Patent file No:1123/MUM/2013, Dated: 25/03/2013.
- Inventors:** Swarnlata Saraf, Shailendra Saraf, Anshita Gupta, Chanchal deep Kaur.  
**Title:** *Polymeric nanovesicular system containing apigenein for etiotropic application in skin carcinoma.*  
**Details:** Patent file No. 4066/MUM/2013, Dated: 26/12/2013.
- Inventors:** Swarnlata Saraf, Shailendra Saraf, Anshita Gupta.  
**Title:** *Method and composition of Nanosystem mediated bioactive targeting dermal components for UV protection.*  
**Details:** Patent file No: 1557/MUM/2013, Dated: 29/04/2013.
- Inventors:** Swarnlata Saraf, Shailendra Saraf, Amit Alexander, Md.Ajazuddin  
**Title:** *Sympathetic role of herbal bioactives as bioavailability enhancer in parenteral delivery of antineoplastic alkylating agents through thermoresponsive poloxamer- based in situ sol gel delivery system.*  
**Details:** Patent file No:1472/MUM/2013, Dated: 22/04/2013.
- Inventors:** Swarnlata Saraf, Shailendra Saraf, Md. Junaid Khan  
**Title:** *A process of preparing phyto-phospholipid complex containing flavanoids for better anti-inflammatory and anti-arthritic potential and pharmaceutical product thereof.*  
**Details:** Patent file No:1556/MUM/2013, Dated: 29/04/2013.
- Inventors:** Swarnlata Saraf, Shailendra Saraf, Chanchal deep Kaur  
**Title:** *Green tea extract loaded ethosomal creams for photochemoprevention of skin.*  
**Details:** Patent file No:- 2826 /MUM/2010, Dated: 12/10/2010.
- Inventors:** Swarnlata Saraf, Shailendra Saraf  
**Title:** *Antiaging herbal cosmetic composition and its process.*  
**Details:** Patent file No:-560/MUM/2007, Dated: 26/03/2007.
- Inventors:** Swarnlata Saraf, Shailendra Saraf  
**Title:** *New Procedure for the Estimation of Atenolol and Hydrochlorothiazide by UV, HPLC and HPTLC in Combined Dosage Forms.*  
**Details:** Patent no. 559/MUM/2007, dated 26/03/07.
- Inventors:** Swarnlata Saraf, Shailendra Saraf  
**Title:** *Fingerprinting of process and product for Ayurvedic formulation Vasakavelha.*  
**Details:** Patent file No:-558/MUM/2007, Dated: 26/03/2007.



11. **Inventors:** Swarnlata Saraf, Shailendra Saraf  
**Title:** *Long circulating, biodegradable polymeric delivery System for controlled delivery of Glipizide.*  
**Details:** Patent file No:-557/MUM/2007, Dated: 26/03/2007.

### **Book authored**

1. Cosmetics A Practical Manual, Med Press An Imprint of Pharma Book Syndicate, 2008, viii, 132p, ISBN : 81-88449-43-1.

### **Book Chapters**

1. Manju Rawat Singh, Vishal Jain, Amber Vyas, Swarnlata Saraf, **Shailendra Saraf**, *Zanthoxylum alatum: A Miraculous Species from Genus Zanthoxylum.* Natural Products: Research Reviews 2014; 2: 381-397.
2. Deependra Singh, Manju Rawat Singh, **Shailendra Saraf**, *Withania somnifera: An exhaustive review on chemical profile of plant with enormous medicinal properties.* Natural Products: Research Reviews 2014; 2: 399-415.
3. Swarnlata Saraf, **Shailendra Saraf**, *Second generation sulfonylurea glipizide loaded biodegradable nanoparticles in diabetes.* Nanotechnology and nanomedicine in diabetes 2012; edited by Lan-Anh Le, Ross. J. Hunter and Victory R. Preedy; Science publishers 2012: pages 227-247; ISBN: 978-1-57808-729-7; eBook ISBN: 978-1-4665-0508-7.

### **Publications**

1. Swarnlata Saraf, Anshita Gupta, Amit Alexander, Junaid Khan, Manmohan Jangde, **Shailendra Saraf**. Advancements and Avenues in Nanophytomedicines for Better Pharmacological Responses. **Journal of Nanoscience and Nanotechnology** 2015; 15: 1-10 (**Impact Factor: 1.339**)
2. Amit Alexander, Ajazuddin, Junaid Khan, Swarnlata Saraf, **Shailendra Saraf**. Polyethylene glycol (PEG)–Poly(N-isopropylacrylamide) (PNIPAAm) based thermosensitive injectable hydrogels for biomedical applications. **European Journal of Pharmaceutics and Biopharmaceutics** 2014(Early online)(**Impact Factor: 4.737**)
3. Amit Alexander, Ajazuddin, Junaid Khan, Swarnlata Saraf, **Shailendra Saraf**. Formulation and evaluation of chitosan based long acting injectable hydrogel for PEGylated melphalan conjugate. *Journal of Pharmacy and Pharmacology* 2014. (**Accepted**)(**Impact Factor: 2.161**)
4. Junaid Khan, Amit Alexander, Ajazuddin, Swarnlata Saraf, **Shailendra Saraf**. Luteolin–phospholipid complex: Preparation, characterization and biological evaluation. *Journal of*



- Pharmacy and Pharmacology 2014. **(Accepted)(Impact Factor: 2.161)**
5. 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; Elsevier** 2014; 97: 1-14.**(Impact Factor: 2.321)**
  6. 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): 3278-3294.
  7. Swarnlata Saraf, Anshita Gupta, Chanchal Deep Kaur, Manmohan Jangde, **Shailendra Saraf**, *Dermatological Consequences of Photosensitization with an Approach to treat them Naturally*. P. Journal of Biological Sciences 2014; 17 (2): 161-72. **(Google Scholar Citation: 1)**.
  8. Swarnlata Saraf, **Shailendra Saraf**, Shikha Shrivastava, *Ethosomes as smart herbal formulation for wrinkles*. Journal of Ravishankar University 2013; 9(18): 24-26.
  9. Preeti K. Suresh, Prameet Singh, Shailendra Saraf, *Novel topical drug carriers as a tool for treatment of psoriasis: Progress and advances*. African Journal of Pharmacy and Pharmacology.2013; 7 (5): 138-147.
  10. 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): 111-14.
  11. Manju Rawat Singh, **Shailendra Saraf**, Amber Vyas, Vishal Jain, Deependra Singh, *Innovative approaches in wound healing: trajectory and advances*. Artificial Cells, Nanomedicine, and Biotechnology 2013; 41 (3): 202-12.**(Impact Factor: 0.854)**
  12. Sneha Sahu, Swarnlata Saraf, Chanchal Deep Kaur, **Shailendra Saraf**, *Biocompatible Nanoparticles for Sustained Topical Delivery of Anticancer Phytoconstituent Quercetin*. P. Journal of Biological Sciences 2013; 16: 601-09.
  13. Ravindra Pandey, Shiv Shankar Shukla, Swarnlata Saraf, **Shailendra Saraf**, *Standardization and validated high-performance thin-layer chromatographic fingerprint method for quantitative determination of plumbagin in a traditional Indian formulation*. JPC - Journal of Planar Chromatography - Modern TLC 2013; 26 (5): 440-44.**(Impact Factor: 0.955)**
  14. Junaid Khan, Amit Alexander, Swarnlata Saraf, **Shailendra Saraf**, *Recent advances and future prospects of phyto-phospholipid complexation technique for improving pharmacokinetic profile of plant actives*. Journal of Controlled Release 2013; 168 (1): 50-60.**(Google Scholar Citation: 3) (Impact Factor: 8.078)**
  15. Amit Alexander, Junaid Khan, Swarnlata Saraf, **Shailendra Saraf**, *Poly(ethylene glycol)–poly(lactic-co-glycolic acid) based thermosensitive injectable hydrogels for biomedical applications*. Journal of Controlled Release 2013; 172 (3): 715-29. **(Impact Factor: 8.078)**



16. Shiv Shankar Shukla, Swarnlata Saraf, **Shailendra Saraf**, *Simple and Rapid Spectrofluorometric Fingerprint Development of Quinine in Unani Formulation*. Asian Journal of Research in Chemistry 2012; 5 (1): 14-17.
17. Shiv Shankar Shukla, Swarnlata 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): 138-40.
18. 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): 285-287.
19. Vishal Jain, S. J. Daharwal, Tripti Jain, Swarnlata 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): 193-196.
20. Swarnlata 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): 119-31. eng. **(Google Scholar Citation: 4) (Impact Factor: 0.302)**
21. Amit Alexander, Shubhangi Dwivedi, Tapan K Giri, Swarnlata 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): 26-40. **(Google Scholar Citation: 17) (Impact Factor 8.078)**
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139. Vandana Jain, D. Singh, Swarnalata Saraf, **Shailendra Saraf**, *In-vitro micropropagation of rauwolfia serpentine through multiple shoot generation*. Ancient science of life 2003; 23 (1): 44-9.
140. Deependra Singh, Vandana Jain, Swarnlata Saraf, **Shailendra Saraf**, *Jivanti*, Ind. J. Nat. Pro 2003; 19 (3): 11-13.
141. Vandana Jain, D. Singh, Swarnlata Saraf, **Shailendra Saraf**, *In vitro Free Radical Scavenging Activity of Lepidium sativum*. Plant Archives 2003; 3 (2): 315-18.
142. Narendra Trivedi, S. Nayak, **Shailendra Saraf**, *Laxative of Herbal Origin*. Journal of Ayurveda and Health 2003; 55 (7): 517-22.
143. Renuka Dhanotia, S. Nayak, **Shailendra Saraf**, *Taxol: A promising Anti-cancer Drug*, Journal of Ayurveda and Health 2003; 55 (5): 357-61.
144. M. Gupta, Swarnlata Saraf, **Shailendra Saraf**, *Standardization of Herbal Formulation: Chyavanprash*. Journal of Ayurveda and Health 2003; 56(2): 84.
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146. S. J. Daharwal, **Shailendra Saraf**, B. Ahirwar, J. Dwivedi, K.P. Bhusari, *Antibacterial ointment of guggul and aqueous extract of neem and turmeric*. Sachitra Ayurved 2003; 55 (10): 765-67.
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- callus and root generation of Boerhaavia diffusa Linn.* Ancient science of life 2003; 22 (4): 134-39.
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149. Shreyansh Jain, Swarnlata Saraf, **Shailendra Saraf**, *Garlic: As an Anti Diabetic Drug.* The Indian Pharmacist 2002; 1(1): 9-11.
150. Nitin Jain, Swarnlata Saraf, **Shilaendra Saraf**, *Selective Cyclooxygenase-2 Inhibitor : The Magic Bullets.* The Indian Pharmacist 2002; 1 (1): 12-16.
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155. Umesh Jain, Satish Nayak, **Shailendra Saraf**, *Gokhru-A Valuable Herb.* Journal of Ayurveda and Health 1998; 51 (1): 58-61.
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157. **Shailendra Saraf**, V. K Dixit, G. K Patnaik, S. C Tripathi, *Antihepatotoxic activity of Euphorbia antisyphilitica.* Indian journal of pharmaceutical sciences 1996; 58 (4): 137-41.
158. **Shailendra Saraf**, VK Dixit, SC Tripathi, GK Patnaik, *Antihepatotoxic Activity of Cassia occidentalis.* Pharmaceutical Biology 1994; 32 (2): 178-83. **(Google Scholar Citation: 21) (Impact Factor: 1.206)**
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### Web Publications

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2. K. Dashora, D. Singh, Swarnlata Saraf, **Shailendra Saraf**, *Validation: The essential quality assurance tool for pharma industry*. Pharmainfo.net 2005; 3 (6). **(Google Scholar Citation: 8)**
3. Manju Rawat, D. Singh, Swarnlata Saraf, **Shailendra Saraf**, *Novel Non-Viral Gene Carrier System: Recent Progress and Current Status*. Pharmainfo.net 2005; 3 (5).
4. Deependra Singh, Manju Rawat, Swarnlata Saraf, **Shailendra Saraf**, *Isoflavones : A Natural Substitute for Postmenopausal Management*. Pharmainfo.net 2006; 4 (1).
5. Deependra Singh, G. Garg, M. Rawat, N. Dongre, Swarnlata Saraf, **Shailendra Saraf**, *Quetiapine: A Novel Anti Schizophrenic Drug*. Pharmainfo.net 2006; 4 (3).
6. Gopal Garg, Deependra Singh, Swarnlata Saraf, **Shailendra Saraf**, *Aceclofenac: A Potent Non-Steroidal Anti-Inflammatory Drug*. Pharmainfo.net 2006; 4 (3). **(Google Scholar Citation: 15)**
7. Gopal Garg, S. J. Daharwal, Swarnlata Saraf, **Shailendra Saraf**, *Various UV spectrophotometric Simultaneous estimation methods*. Pharmainfo.net 2006; 4 (2). **(Google Scholar Citation: 2)**



8. Kamlesh Dashora, **Shailendra Saraf**, Swarnlata Saraf, *Polymeric Micro- Particulate System for Nonsteroidal Anti- inflammatory Drugs : A Review*. Pharmainfo.net 2006; 4 (3).
9. S. J. Daharwal, G. Garg, R. B. Saudagar, **Shailendra Saraf**, Swarnlata Saraf, *Methods of estimation of multi-component formulations: A review*. Pharmainfo.net 2006; 4 (3).
10. Swarnlata Saraf, Deependra Singh, **Shailendra Saraf**, *Accelerants: A Review*. Pharmainfo.net 2006; 4 (3).
11. Swarnlata Saraf, Deependra Singh, **Shailendra Saraf**, *Iontophoresis-A Review*. Pharmainfo.net 2006; 4 (1).
12. Amber Vyas, ManjuRawat, **Shailendra Saraf**, Swarnlata Saraf, *PharmaProfession:Opportunities ahead*. Pharmainfo.net 2007; 5 (1).
13. Swarnlata Saraf, G. Garg, **Shailendra Saraf**, *Pharmacogenomics, Single Nucleotide Polymorphism and Genome: An Approach for Individualized Medicine*. Pharmainfo.net 2007; 5 (1).

## Abstracts published in Conferences

### Abstracts published / Presented in International Conferences

1. **AASP-2013**, "A Chitosan Based Injectable and Biodegradable Thermosensitive Hydrogel for the Delivery of PEGylated Melphalan Conjugate", at the 6th Asian Association of Schools of Pharmacy Conference, "Integrating Science, Technology and Practice for Sustained Excellence in Pharmacy Education", 15 – 17 November 2013, **Singapore**.
2. Shaastrarth-2013, An International Conference under the title "Avenues for the preliminary rheological optimization of thermo responsive in situ gelling polymer" on 8th – 9th February 2013 organized by Rungta Group of College, Bhilai, Chhattisgarh, India.
3. Development of Quality Control Method for Some Indian Integrative Medicine By Use of Markers International Research Congress on Integrative Medicine and Health 2012 IRCIMH Congress, Portland, **USA**, May 15-18,2012.
4. Synthesis, characterization and in vitro studies of pegylated L-phenylalanine mustard conjugates The 3rd International Conference on Drug Discovery & Therapy, **Dubai**, 17-20 February 2011.
5. Fabrication of multiphase hydrogel containing Serratiopeptidase and Gentamicin loaded PLGA Microspheres for effective and complete wound healing, International Congress of FIP, November 2010, Louisiana, **New Orleans**.
6. Formulation Optimization of Metronidazole Loaded Chitosan Microspheres for Wound Management by 3-Factor, 3-Level Box-Behnken Design International Congress of FIP,



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7. Recent Advances in Novel Drug Delivery Systems for Plant Active and Extracts, The 8th Saudi International Pharmaceutical Conference and Exhibition Riyadh, Saudi Arabia 26-28 April 2010. Abstract no.PO-BPS-70.
8. Fingerprinting of formulation of Indian system of medicine :Triphala Churna, 57th International Congress and Annual Meeting of the Society For Medicinal Plant and Natural Product Research Geneva,, ` 16-20 August 2009.
9. Advance approaches in drug designing and drug targeting" GRY Institute of Pharmacy, Borawan ,Khargone, (M.P.) India. 2009.
10. Recent Advances in Pharmaceutical Technology, Swami Vivekanand College of Pharmacy, Indore, (M.P.) India. 2009.
11. Development and Evaluation of Herbal Cosmetic formulation for Fighting Acne, Accepted in Annual Conference of Society of Cosmetic Chemists South Africa, 9-10 September 2008.
12. Development and characterization of chitosan coated nanocarriers for oral delivery of enzyme, Biohorizon, IIT Delhi, 21-24th Feb 2007, New Delhi
13. Carbohydrate stabilized ceramic nanocores for oral delivery of enzyme, CRS Indian chapter, Mumbai.14th Feb, 2007
14. Formulation of cyclodextrin complexed mouth dissolve tablets of glimepiride, Biohorizon, Abst. No. 3.41, IIT Delhi, New Delhi. 22-24th Feb 2007
15. In-Vitro evaluation of glipizide loaded PLGA nanoparticles, International seminar of Controlled release society, 14th Feb, 2007, CRS Indian chapter, Mumbai.
16. Preparation and characterization of Repaglinide loaded biodegradable nanoparticles, 8th Joint indo Korean Symposium on Biochemical Engineering and Biotechnology, Biohorizon, 22-24th Feb 2007 IIT Delhi
17. **CSPS** 9th Annual international Symposium on Pharmaceutical Sciences. Canada, May 24-27 2006 Ab no.45, 56, Page no 61, 65
18. 11th International Congress of Plant Tissue Culture & Biotechnology, August 13-18, 2006, Ab No. ID 486; 419; 425, Beijing, China.
19. 67th International Congress of **FIP**, May 2006, Ab. No.115, Salvador Bahia Brazil.
20. Development and characterization of bi-layered multi-component system of nimesulide and tizanidine.9th International Symposium on pharmaceutical Sciences, Canada, May, 2006.
21. Development and characterization of controlled release multi-component microparticulate system of aceclofenac and tizanidine, 66th International Congress, FIP, Brazil, Aug, 2006.



22. Second derivative spectrophotometric method for the estimation of atenolol and hydrochlorothiazide, 9th CSPS Annual Symposium: Current Scientific Regulatory Challenges in Drug Development and Safety, May 24-27, 2006, Ab. No.51
23. Development and characterization of multi-component microparticulate system of nimesulide and tizanidine, 2nd international symposium on drug discovery and process research Feb.10-12, 2006, Belgaum, INDIA
24. 2nd international symposium on drug discovery and process research, Feb.10-12, 2006 Ab No. 143-239, Belgaum, INDIA,
25. CSPS 9th Annual international Symposium on Pharmaceutical Sciences. May 24-27 2006, Ab no.45 Page no 58, Page no 61, 65, Canada
26. Development of quality control methods and finger prints for Bhaskar Lavan Churna International symposium on Drug discovery and process research (DDPR-2006) Belgaum 9-11th Feb 2006
27. Preparation and characterization of Eudragit loaded glipizide nanoparticles. Indo-US International Symposium on Nanomedicine, 03-06 Oct, 2006 INDO-US-NANO-04, NIPER Mohali.
28. Nanoparticles: bug beers in drug delivery, 2nd International Symposium on Drug Discovery and Process Research, K.L.E. College of Pharmacy, Belgam, Feb. 2006.
29. Microencapsulated matrix tablet for the sustained release of Dual drug Combination, Biohorizone, 2005, IIT, New Delhi
30. Topical delivery of Cosmetic Formulation, Biohorizone 2005, IIT New Delhi.
31. National Seminar on Pharmaceutical Education in 21<sup>st</sup> Century, held at Department of Pharmaceutical Sciences Doctor Harisingh Gour Vishwavidyalaya, Sagar, (M.P.), during 24<sup>th</sup>-26<sup>th</sup> October 1996.
32. Workshop on Education Regulation -91 and Orientation programme for teachers of pharmacy as teacher participant held at B. N. College of Pharmaceutical Sciences on 8-9<sup>th</sup> April. 1995.
33. National Symposium on novel and controlled drug delivery systems, held at Department of Pharmaceutical Sciences, Doctor Harisingh Gour Vishwavidyalaya, Sagar (M.P.) on February 25-27<sup>th</sup> 1991.

### Abstracts Published/Presented in National Conferences

1. 18th **APTI**-Annual National Convention; under the title "In vitro anticancer activity of PEGylated L-Phenylalanine Mustard on MCF-7 cell lines." held on 25th - 27th October



- 2013 at Vikas Institute of Pharmaceutical Sciences, Rajahmundry, Andhra Pradesh.
2. **UGC-SAP** Sponsored National Seminar on “Advances in the development of cargoes for bioactives” under the title “Sustained action of pH triggered in suit gelling system for better pharmacological actions to cure ocular disorders” held at University Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur, Chhattisgarh between 31st January to 2nd February 2013.
  3. **64<sup>th</sup> IPC** (Indian Pharmaceutical Congress), 7-9<sup>th</sup> December 2012.
  4. **FIP, 2011**, Development of fingerprinting methods of Shringyadi Churna: An Indian Alternative Medicine. Held at Hyderabad, India between 3-8<sup>th</sup> September 2011 (Abstract No.NP-P-20).
  5. Development of fingerprinting methods for Balacaturbhadrika churna: An Ayurvedic formulation, 62nd Indian Pharmaceutical Congress Dec. 2010. Abstract No. C-359.
  6. Preparation and In- Vitro characterization of Repaglinide nanoparticles, 59th Indian Pharmaceutical congress, Dec.2007, Varanasi.
  7. 59th Indian Pharmaceutical Congress, 20-23 Dec. 2007, Ab No. 468, BHU, Varanasi
  8. 59th **IPC** Varanasi, Dec. 20-23, 2007 Ab. No. F 2007, Varanasi, 2007
  9. Development of quality control parameters and finger printing of Marketed Ayurvedic formualtion “KankadiTaila”-A traditional cosmetic formulation, Quality prospective of herbal Cosmetics (8-9 September 2007) Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur C.G, 2007
  10. Analysis of heavy metals by flame photometry in some traditional eye cosmetics, **AICTE** Sponsored Seminar on “Quality perspectives of herbal cosmetics” Abs. No. QPHC/CR/P-02, IOP, Raipur (Chg.) 2007
  11. Development and characterization of prednisolone albumin nanoparticles, National seminar on controlled and targeted drug delivery Nanotechnology Abs. No. 01
  12. 17-18th march, 2007. Dr. H. S. Gour Vishwavidyalaya, Sagar (M.P.)
  13. Development of Preparation process validation and fingerprints for well known Ayurvedic formulation Chyavanprash, Current trend in Novel and Cosmetic technology Held (22-23 march 2007) Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur C.G
  14. Fingerprinting method of an Ayurvedic formulations Yastimadhukadi Tailam :Spectrophotometric approach, 59th Indian Pharmaceutical Congress, Varansi 21st, 22nd and 23rd December 2007



15. Preparation and characterization of glipizide microspheres, National seminar on controlled and targeted drug delivery Nanotechnology, 17-18th march, 2007, Dr. H. S. Gour Vishwavidyalaya, Sagar (M.P.)
16. Antimicrobial activities of *Nyctanthes arbor-tristis* L. **UGC** sponsored two days seminar on "Recent advances in novel and cosmetic technology (19 – 20 March, 2007)" PNCT – 06, Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur C.G.
17. Regulation of cosmetic chemicals. **AICTE** sponsored national seminar on "Quality perspectives of herbal cosmetics" (8 – 9 Sep. 2007) at (QPHC/RA/P-13) Page No. 65 Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur C.G.
18. Development and Physicochemical characterization of Acyclovir encapsulated cyclodextrin microspheres. 59th Indian Pharmaceutical Congress Abs. No. 466, Varanasi, 20-23 Dec. 2007
19. National seminar on controlled and targeted drug delivery Nanotechnology, 17-18th march, 2007, Dr. H. S. Gour Vishwavidyalaya.
20. An upcoming era of proteomics in drug development and clinical practice, **UGC** sponsored two days seminar on "Recent advances in novel and cosmetic technology (19 – 20 March, 2007) (PNCT – 66) Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur C.G.
21. Preparation and characterization of Vanillin /hydroxypropyl- $\beta$ -cyclodextrin inclusion complex, Seminar on "Recent advances in novel and cosmetic technology" Abs. No. PNCT -47, 19-20 March, 2007 Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur.
22. Fingerprinting method of an Ayurvedic formulations Yastimadhukadi Tailam: Spectrophotometric Approach, 59 th Indian Pharmaceutical Congress Varanasi.2007 C-262 Page no. 287.
23. Determination of mineral content and Microscopic characters of BhaskarLavanChurna National Seminar of Indian Society of Pharmacognosy, Held at (11-12 march 2006) Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur C.G.
24. Development and characterization of eudragit nanospheres of prednisolone, 11th **APTI** National Convention, Abs. No. PT-19, 1-3 September 2006 Bangalore (K.A)
25. Antidiabetic activity of *Psidiumguajava* (guava) leaves extract, National Seminar of Indian Society of Pharmacognosy (11-12 march 2006), Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur C.G.
26. Standardization of Sitopaladi Churna, National Seminar of Indian Society of



- Pharmacognosy, 11-12 March 2006, 75-76, Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur C.G.
27. Development and characterization of bi-layered multi-component system of aceclofenac and tizanidine. 58th **IPC**, Bombay, 2006
  28. Free radical scavenging activity of solanum xanthocarpum root extracts, Seminar of Indian Society of Pharmacognosy, March 11-12, 2006, Ab. No. 26,30,31,36
  29. Development of fingerprints for Bhaskar Lavan Churna: A RP-High-performance chromatographic approach, **APTI** - 11th Annual National Convention 2006 Bangalore
  30. Comparative study for mineral content and microscopic characters of the different batches of 'Bhaskar Lavan Churna National conference of Indian society of Pharmacognosy, Nagpur 2006
  31. Development of Reverse Phase High-performance chromatographic approach for fingerprints of Bhaskar Lavan Churna, 58th Indian Pharmaceutical, Mumbai, Congress 1-3 December, 2006
  32. Hepatoprotective activity of Emblica officinalis and Chyavanaprash, National Seminar of Indian Society of Pharmacognosy, Held at (11-12 March 2006) Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur C.G
  33. Seminar of Indian Society of Pharmacognosy, Current trends in Phytopharmaceuticals, 11-12 March 2006, PIOP 14,16,34, Institute of pharmacy, Pt. Ravishankar Shukla University, Raipur, C.G.
  34. Simultaneous equation methods for estimation of atrovastatin and aspirin from their combined dosage forms, 11 **APTI** Bangalore, 2006
  35. Development of difference spectroscopic methods for the estimation of Amlodipine and Atrovastatin, 58th **IPC**, Mumbai, 2006
  36. Spectrophotometric determination of chlordigepoxide and amitriptyline, National Symposium on current trends in drug designing for pharmacy teachers, Nagpur, 2006
  37. Preparation and characterization of glipizide nanoparticles by high pressure homogenization method. 58th Indian Pharmaceutical congress, Mumbai, Dec 2006
  38. National symposium on current trends in pineal research. October 05-07, 2006. Ab ID40 Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur
  39. Zea maize: Promising shell modifier for facilitating soft gelatin shell disintegration, National Seminar of Indian Society of Pharmacognosy, (11-12 March 2006) Institute of Pharmacy,



Pt. Ravishankar Shukla University, Raipur C.G.

40. 10th **APTI** National Convention, Nagpur 17-18 Oct. 2005, Ab No.PG-68
41. Development of difference spectroscopic method for the estimation of rebiprazole in formulations, 10 th **APTI** Convention, Nagpur, 2005.
42. Preparation and characterization of Phytosome of kutkoside, 57th **IPC** 2005 held at Hyderabad 2-6th December 2005.
43. Evaluation of Bhaskar Lavan Churna and estimation of essential oil for finger printing approach, 10th **APTI** conference Nagpur 2005 16-17th of October 2005
44. Spectrophotometric simultaneous method for the determination of metoprolol tartrate and hydrochlorothiazide in tablets, 10th **APTI** Nagpur, 17-18 Oct. 2005, Ab. No. PC-26
45. Effect of processing variables on the release of microparticulate system intended for sustained delivery of aceclofenac. 10th **APTI** National convention, 2005, Nagpur (M.H.)
46. 56th Indian Pharmaceutical congress (**IPC**), 2-4 Dec.2004, Ab No. 456, Kolkata, 2004
47. 54<sup>th</sup> Indian Pharmaceutical Congress (**IPC**), 2-4 Dec.2002, held at Bharati Vidyapeeth, Educational Complex, Dhankawadi, Pune-411 043.
48. 7<sup>th</sup> Young Scientist Congress, 1992, held at Devi Ahilya University, Indore on 1<sup>st</sup> March, 1992.
49. 43<sup>rd</sup> Indian Pharmaceutical Congress, 1991, held at Goa on December 1991.
50. 42<sup>nd</sup> Indian Pharmaceutical Congress, 1990, held at College of Pharmaceutical Sciences, Manipal during 28<sup>th</sup> to 30<sup>th</sup> December, 1990.
51. National Seminar on Medicinal and Aromatic Plants organized by Govt. of Madhya Pradesh, Jabalpur, held on 6-7<sup>th</sup> April, 1990. Under the title "Hepato-protective activity of Morphologically and ethnobotanically interesting species of Euphorbia".
52. 41<sup>st</sup> Indian Pharmaceutical Congress, held at Bombay on 16<sup>th</sup> to 18<sup>th</sup> December 1989.
53. 40<sup>th</sup> Indian Pharmaceutical Congress, held at Calcutta on 26<sup>th</sup> to 28<sup>th</sup> December 1988.

### **List of Conferences/ seminars Attended as Chairperson / Resource Person/ Judge**

1. Resource Person, 67<sup>th</sup> IPC, Mysuru
2. Resource Person, 65<sup>th</sup> IPC, New Delhi,
3. Resource Person, APTICON, Pune, 2014
4. Resource Person, APTICON, Indore, 2015
5. Resource Person state convention Rohtak





6. Resource Person, NAAC sponsored Seminar, Science College, Raipur 2015
7. Resource Person, in Academic Staff College, Pt. Ravishankar Shukla University, Raipur in Refresher course, orientation course etc, 2015
8. Avenues for the preliminary rheological optimization of thermo responsive in situ gelling polymer” on 8th – 9th February 2013 organized by Rungta Group of College, Bhilai, Chhattisgarh, India.
9. Resource Person, Scientific session, 64th Indian Pharmaceutical Congress (**IPC**), 2012, Chennai.
10. Resource Person, Delivered an invited talk in the DST sponsored seminar on Ethical Principles in Pharmaceutical Research organized by School of Pharmaceutical Sciences, Shobhit University, Meerut on 7<sup>th</sup> May, 2011.
11. Chairman, Technical Session, Seminar on Environmental Issues & Challenges, held at Pt. Ravishankar Shukla University, Raipur, on March 29, 2010.
12. Resource Person, UGC Sponsored Seminar on Recent Advances in Novel and Cosmetic Technology, held at UIOP, Pt. Ravishankar Shukla University, Raipur during 19<sup>th</sup> -20<sup>th</sup> March, 2007.
13. Resource Person, **AICTE** sponsored Staff Development Program, organized by the Institute of Pharmaceutical Education and Research, Wardha, MS. March 14, 2006.
14. Resource Person, National Symposium on Current Trends in Pineal Research and 4<sup>th</sup> IPSC Meeting held at Department of Zoology, Govt. D. B. Girl's P.G. College, Raipur, during 05<sup>th</sup> to 07<sup>th</sup> October 2006.
15. Resource Person, AICTE sponsored Staff Development Programme on Current Trends in Pharmaceutical Analytical Techniques held at Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur on 24<sup>th</sup> February to 10<sup>th</sup> March, 2006.
16. Judge Scientific session, M.P. Young Scientist Congress, Rewa, Feb 28, 2006.
17. Resource Person, **AICTE** sponsored Staff Development Program, organized by the Institute of Pharmacy, Pt. Ravishankar Shukla University, Raipur C.G. Feb 25, 2006.
18. Resource Person, **AICTE** sponsored Short Term Training Program, organized by the Department of Pharmaceutical Sciences, Dr. H S Gour V.V. Sagar, (MP.) June 13, 2005- June 25, 2005.
19. Co-chairman, 10<sup>th</sup> APTI National Convention organized by Department of Pharmaceutical Sciences, Rashtrasant Tukdoji Maharaj Nagpur University on 17<sup>th</sup> October 2005.



20. Chairperson scientific session, Govt of India Sponsored Workshop on IPR, Raipur, 2004
21. Resource Person, **AICTE** sponsored Winter School, K.B. Institute of Pharmaceutical Education and Research, Gandhinagar, (Guj.) Oct27, 2002.
22. Co-Chairperson scientific session, 54th Indian Pharmaceutical Congress, Pune, Dec.2002.
23. Judge Scientific session, M.P. Young Scientist Congress, Bhopal, 4th and 5th March.2003.
24. Chairperson, scientific session, PCI , Sponsored National Work shop on Health Education, held at B. R. Nahata College of Pharmacy, Mandsaur, March.2000.
25. Member of Scientific Committee, 51<sup>st</sup> Indian Pharmaceutical Congress, held on 18<sup>th</sup> to 20<sup>th</sup> 1999, at Indore.

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