



Shri Sadashivrao Patil Shikshan Sanstha's

**Smt. Kishoritai Bhoyar College of Pharmacy**

(UGC Approved Research Center &amp; 34th All India Rank, NIRF, MHRD, Govt. of India)

**Dr. Krishna R. Gupta****Educational Qualification:** M. Pharm, PhD, DBM**Designation:** Professor**Department:** Pharmaceutical Chemistry**Email Id:** krg1903@gmail.com**Qualifications:**

Course	Specialization	University	Year
Ph.D.	Pharmaceutical Sciences	RTM Nagpur University	2002-2008
M. Pharm	Pharmaceutical Chemistry	RTM Nagpur University	2000-2002
B. Pharm	Pharmaceutical sciences	RTM Nagpur University	1996-2000

Course Specialization University Year

**Total experience in years:****Academics:** 16 Years**Research:** 15 Years

- **Approved Phd (Research Guide) and PG teacher** in Faculty of Medicine (Pharm. Sciences) of RTM Nagpur University
- Research Guidance :

**Research (Ph.D) Student: 2 (Awarded), 1 (Submitted)****Research Guidance (PG) M.Pharm guided: 40, 4 presently working  
(UG) B.Pharm guided: 6****Professional experience:**

- **Professor of Pharmaceutical Chemistry**, at S.K.B. college of Pharmacy, New kamptee from 1<sup>st</sup> March 2017 onwards
- **Professor (designate)**, at S.K.B. college of Pharmacy, New kamptee from August 2014 -28 Feb 2017
- **Associate Professor** at S.K.B. college of Pharmacy, New kamptee from June 2008- July 2014
- **Lecturer (Asst. Prof)** at S.K.B. college of Pharmacy, New kamptee from July 2003- May 2008
- **Lecturer** at Nagpur college of Pharmacy, wanadongri from sep 2002-June 2003
- **Contributory Teacher** at Dept. of Pharm Sci. RTM Nagpur University for two academic sessions between 2002-03 & 2003-04.

### **Institutional and administrative responsibilities**

1. Working as Purchase Coordinator at S.K.B. College of Pharmacy, Kamptee since 2016. **(02 Years)**
2. Worked as a Executive Member Purchase Committee at S.K.B. College of Pharmacy, Kamptee from session 2004 onwards **(14 Years)**
3. Worked as a Head, Instrumentation at S.K.B. College of Pharmacy, Kamptee from session 2004 onwards **(14 Years)**
4. Member IAEC at S K B College of Pharmacy, Kamptee from session 2016 onwards (02 years)
5. Member Research and Development Cell

### **Research area / expertise:**

His main area of interest in research involves stability studies, drug profiling (Physical and Chemical Characterization), impurity profiling, Drug excipient compatibility studies, Dissolution method development and effect of stress on dissolution. He is also involved in the research and development of new chemical entity for their pharmacological screening. He is presently involved in application of QbD concept in analytical method development and degradation studies, synthesis and screening of new entities of flavones. He is also working on drug solubility enhancement of poorly water soluble drugs and their pharmacokinetic profile.

### **Patents:**

- Filed 3:** a) An ophthalmic pharmaceutical composition comprising bepotastine (IN 4773/MUM/2015) **published**  
b) A process for synthesis of 6-chloro1,3-benzothiazole-2-yl semicarbazones (201621041785)  
c) Bepotastine besilate ophthalmic insert composition (201721013104)

### **Publications and Presentations**

- **Review Article: 5**
- **Research Publication: 64, Conference proceedings Presentation: 9**
- **Research Presentation: 90**

### **Publications :**

National Journal: **55**      International Journals: **15**

### **List**

### **Review Article**

1. Hyphenated Technique- A Boon To Analytical World. **Int. J. Pharm Sci and Research**, 2012; Vol. 3(11): 4184-4191

2. Analytical Quality by Design Approach: 3C's and Application, **Inventi Rapid: Pharm Analysis & Quality Assurance**, 2015, 2015(2):1-11
3. Solid State Properties: Preparation and Characterization, **Der Pharmacia Sinica**, 2015, 6(4): 45-64.
4. Analytical quality by design: A mini Review, **Biomedical Journal of Scientific and Technical Research**, 2017,1(6):1-5
5. Chalcones: A review on synthesis, chemical properties and biological activities. **Research Pharmaceutica**, 2017, 1(1): 1-10

### **Research Article**

6. Health risk assessment to Zinc in drinking water of rural residents living in Bhusawal city, Maharashtra (India). **Pharma Tutor**, 2018, 6(5):48-50
7. Development and Statistically validated Uv spectrophotometric determination of testosterone in gel formulation. **Pharmaceutical and Biological Evaluation**, 2018, 5(1): 1-9
8. Application of Rp-HPLC and Uv spectrophotometric method in dissolution testing of Tenueligliptin. **Der Pharma Chemica**, 2018, 10(1):
9. Estimation of Dapagliflozin from its Tablet Formulation by UV-Spectrophotometry. **Pharmaceutical Methods**. 2017, 8(2): 102 – 107
10. Quality by Design Based Hplc Assay Method Development and Validation Of Linagliptin In Tablet Dosage Form. **European J. Pharmaceutical and Medical Research**, 2017, 4(02):
11. HPLC and Uv spectrophotometric estimation of tenueligliptin in tablet dosage from. **Asian J Pharm Analysis and Medicinal Chemistry**, 2016, 4(3):148-156
12. Stability indicating RP-HPLC method for determination of eperisone hydrochloride and diclofenac sodium in tablet dosage form. **Int. Journal of Chemical and Pharmaceutical Analysis**, 2016, 3(4): 208-215
13. Design and Evaluation of ophthalmic delivery of bepotastine besylate from eye drop, **Pharmaceutical Methods**. 2016, 7(2): 104 – 111.

14. Simultaneous estimation of Bepotastine besilate and Benzalkonium chloride in ophthalmic formulation by RP- HPLC method. **Int. J. Pharm Pharm Sci**, 2016, 8(6): 225-233
15. Development and validation of dissolution test method for aliskiren in tablet by HPLC, **WJPPS**, 2015, 4(10):2034-2049
16. Development and Validation of Stability Indicating Rp-Hplc Method or Determination Of Aliskiren In Bulk And Pharmaceutical Dosage Forms. **Int. Journal of Chemical and Pharmaceutical Analysis**, 2015, 2(4):
17. Development and Validation of Stability Indicating RP-HPLC Method for determination of tapentadol in bulk and pharmaceutical dosage forms. **Asian Journal of Pharmaceutical Sciences and Technology**, 2015, 5(4):237-245
18. Stability Indicating RP-HPLC Assay Method for Estimation of Dronedarone Hydrochloride in Tablet. **Journal of Applied Pharmaceutical Sciences**, 2015, 5(05):83-88
19. Force Degradation Study and Rp-Hplc Method Development for Estimation of Fluvoxamine Maleate In Tablet. **Int. Journal Of Pharmacy and Pharmaceutical Sciences**, 2015,7(6):196-202
20. Evaluation of Intrinsic Stability and Development of Rp-HPLC Method for Estimation of Dapoxetine and Tadalafil in Combined Dosage Form. **Indo Amerian Journal of Pharmaceutical Research**, 2015, 5(4): 1343-1356
21. Development of validated stability indicating assay method for tapentadol and paracetamol in bulk and combined dosage form, **Der Pharmacia Lettre**, 2015, 7(3):299-311
22. Application of Validated Stability Indicating RP-HPLC Method for Simultaneous Estimation of Citicholine and Piracetam in Tablets, **Inventi Rapid: Pharmaceutical Analysis and Quality Assurance**, 2015, 2015 (2):1-7
23. HPLC Method Development and Validation for Determination of Sitagliptin in Blood Plasma **Inventi Rapid: Biomedical Analysis**, 2015(1): 1-5, 2015/ **Inventi Impact: Biomedical Analysis**, 2015

24. Hplc Method Development And Validation For Determination of Raltegravir In Blood Plasma. **Int J Pharm Bio Sci** 2015; 6(1): (P) 113 – 120
25. Intrinsic Stability Analysis and Assay Method For Determination of Fenofibrate In Formulation By HPLC. **Carib. J .SciTech**, 2014,2: 669-689
26. Solid-State Characterization of Thiocolchicoside, **International Journal of Advances in Pharmaceutical Research**, 2013, 4(2): 1441-1450
27. Stability Indicating HPLC Assay Method Development for Determination of Acebrophylline **Inventi Rapid: Pharmaceutical Analysis and Quality Assurance**, 2013, 2013(2):1-9
28. Development of Quality Control Method for Dissolution Analysis of Atenolol and Indapamide in Tablets, **Inventi Rapid: Pharmaceutical Analysis and Quality Assurance**, 2013, 2013(3):1-8
29. Drug excipient compatibility study using thermal and non thermal method of analysis. **International Journal of Chemtech Applications**, 2013, 2(2): 23-49
30. Validated Rp-Hplc Method For Simultaneous Determination of Amlodipine, Hydrochlorothiazide and Valsartan in Pharmaceutical Formulation, **International Journal of Pharmacy and Technology**, 2013, 5(1): 5383-5392
31. Development and validation of stability indicating Rp-HPLC and assay method for determination of thiocholchicoside in capsule. **American Journal of Pharm tech Research**, 2012, 2(1): 589-602
32. Stability Indicating HPLC Assay method for diacerein and aceclofenac in tablets. **American Journal of Pharm tech Research**, 2011, 1(3): 202-218
33. Validated Reverse Phase HPLC Method for Simultaneous Estimation of Atorvastatin and Atenolol in Tablets, **Der Pharmacia Lettre**, 2011, 3(4): 393-400
34. Development and validation of spectrophotometric methods for determination of aceclofenac in tablets, **Int. J. Chem Tech Research**, 2011, 3(2): 786-790
35. Simultaneous UV-spectrophotometric determination of thiocholchicoside and diclofenac in pharmaceutical formulation, **Der Pharmacia Sincia**, 2010, 1(2): 44-51
36. Uv-spectrophotometric estimation of diacerein in pharmaceutical formulation, **J. Chem. Pharm. Res.**, 2010,2(3): 467.472

37. Spectrophotometric method for simultaneous estimation of pantoprazole and Itopride hydrochloride in capsule. **Orbital-E journal of Chemistry, Campo Grande** 2010, 2(2):180-88
38. Stability Indicating RP-HPLC method for simultaneous determination of pantoprazole sodium and itopride hydrochloride in bulk and capsule. **Orbital-E journal of Chemistry, Campo Grande** 2010, 2(3): 209-224
39. Uv-spectrophotometric method for the estimation of itopride hydrochloride in pharmaceutical formulation. **E- Journal of Chemistry**, 2010, 7(S1): S49-S54
40. Validated Spectrophotometric Determination Of Prulifloxacin In Tablet Dosage Form, **Research J. Pharm and Tech.**, 2010, 3(4): 1114-1117
41. Application of stability indicating HPLC method for quantitative Determination of Etoricoxib and Paracetamol In Pharmaceutical Dosage Form **Eurasian Journal of Analytical Chemistry**, 2010, 5(3):218-226
42. Uv-spectrophotometric determination of aceclofenac and diacerein in pharmaceutical formulation, **J. Pharm Sci. and Res.**, 2010 2(7):426-432
43. Uv-spectrophotometric determination of Thiocholchicoside in capsule. **Der Pharma Chemica**, 2010,2(2); 384-391
44. Validated spectrophotometric determination of fenofibrate in pharmaceutical formulations, **Der Pharmacia Sincia**, 2010, 1(1): 173-78
45. Uv-spectrophotometric methods for estimation of valsartan in bulk and tablet dosage form, **Int. Journal of Chem Tech Research**, 2010, 2(2):985-989
46. A validated high performance thin layer chromatographic method for quantitation of sertraline in tablets. **Journal of Planar Chromatography**, 2010, 23(2):135-137
47. Uv-spectrophotometric determination of hydrochlorothiazide and olmesartan medoxomil in pharmaceutical formulation. **E- Journal of Chemistry**, 2010, 7(4): 1156-1161
48. Development of Rp-HPLC Method for estimation of Hydrochlorthiazide and olmesartan medoximil in pharmaceutical formulation. **Research Journal of Pharmaceutical, Biological and Chemical Sciences**, 2010, 1(2) ;78-84

49. Spectrophotometric method for the simultaneous estimation of paracetamol and etoricoxib in tablet dosage form. **Int. Journal of Pharmacy and Pharmaceutical Sci.**, 2010, 2(1) :156-161
50. Simultaneous Uv-spectrophotometric determination of amlodipine besylate and nebivolol hydrochloride in tablet dosage form. **Int. Journal of ChemTech Research**, Jan-Mar 2010, 2(1):69-73
51. Simultaneous Uv spectrophotometric determination of valsartan and amlodipine in tablet. **Int. Journal of ChemTech Research**, Jan-Mar 2010, 2(1):551-56
52. Stability Indicating RP-HPLC method for Simultaneous Determination of Atorvastatin and Nicotinic acid from Their Combined Dosage Form. **Eurasian Journal of Analytical Chemistry**, 2009, 4(3):294-303
53. New spectrophotometric method for simultaneous determination of metoprolol tartarate and hydrochlorthiazide in pharmaceutical dosage form. **Ind J Pharm Sci.**, 2008, 70(4), 514-517
54. HPTLC determination of atenolol and Indapamide from pharmaceutical dosage forms. **Asian J. Chem.**, 2007, 19(6), 4183-87
55. Simultaneous determination of amlodipine and ramipril by HPTLC. **Asian J. Chem.**, 2007, 19(6), 4177-82
56. RP-HPLC method for simultaneous estimation of Telmisartan and Hydrochlorthiazide in tablet dosage form. **Indian J. Pharm. Sci.**, 2007, 69(2), 298-300.
57. Simultaneous HPTLC Determination of Amlodipine and benazepril hydrochloride. **Biosciences Biotechnology Research Asia**, 2007.
58. HPTLC method for simultaneous estimation of Nimesulide and Diclofenac sodium in capsule, **Asian J. Chem**, 2006, 18(2), 1078-84.
59. A validated HPTLC method for simultaneous estimation of Lamivudine and Zidovudine in tablets. **Asian J. Chem.**, 2006, 18(4), 2669-2672
60. Simultaneous High performance Thin Layer Chromatographic Estimation of Lamivudine and Stavudine in tablet dosage forms. **Ind. J. Pharm Sci.**, Jan-Feb 2005,96-97
61. A validated HPTLC determination of indapamide in tablets. **Journal of Pharmaceutical Research**, 2005, 4(3), 55-57



62. A validated HPTLC determination of fenofibrate. **Indian Journal of Pharmaceutical Sciences**, 2005, 67(6), 762-64
63. HPTLC method for simultaneous estimation of Ofloxacin and Tinidazole in pharmaceutical dosage form. **Indian Drugs**, 2004, **41(3)**, 160-165.
64. A validated HPTLC determination of stavudine in capsule. **Indian Drugs**, 2004, **41(5)**, 300-302.

#### **Conference Proceedings Presentation / Publications:**

##### **IPSCON Nagpur-2012**

1. Evaluation of anticonvulsant activity of substituted semicarbazone 4-(2,4-difluorophenoxy) Benzaldehyde in PTZ induced seizures. Abstract no.BHP-34, Indian Journal of Pharmacology, Dec-2012, 44 (Supplement) :S72
2. Evaluation of antimicrobial activity of semicarbazone by cup plate agar diffusion method. Abstract no.CHM-3, Indian Journal of Pharmacology, Dec-2012, 44 (Supplement) :S92
3. Evaluation of antiallergic activity of 2-phenyl-[Substituted benzothiazole-2-yl]-(3H) Quinazoline-4-One and their 6,8-dibromo analogues. Abstract no.END-14, Indian Journal of Pharmacology, Dec-2012, 44 (Supplement) :S111
4. Evaluation of anticonvulsant activity of 4-substituted semicarbazones of 4-hydroxyacetophenone in PTZ induced seizures. Abstract no.NEU-9, Indian Journal of Pharmacology, Dec-2012, 44 (Supplement) :S164
5. Evaluation of anticonvulsant activity of 6-substituted- 1,3- benzothiazole-2-yl- semicarbazones in PTZ induced seizures. Abstract no.NEU-24, Indian Journal of Pharmacology, Dec-2012, 44 (Supplement) :S168
6. Evaluation of anticonvulsant activity of 4-substituted semicarbazones of 4-methoxyacetophenone in PTZ induced seizures. Abstract no.NEU-55, Indian Journal of Pharmacology, Dec-2012, 44 (Supplement) :S177
7. Evaluation of anticonvulsant activity of benzophenone in PTZ induced seizures. Abstract no.NEU-58, Indian Journal of Pharmacology, Dec-2012, 44 (Supplement) :S178

##### **APTICON 2015 Indore**

8. Development of stability indicating assay method for simultaneous estimation of



Phenylephrine HCl, Dextromethorphan HBr and Cetrizine HCl in syrup. Abstract No. PB-31, International Journal of Pharmaceutical Sciences and Research, Oct-Nov 2015: 449-51

9. Isolation, purification and identification of unknown degradation products in 65, Rabepazole Sodium. Abstract No. PB- 35, International Journal of Pharmaceutical Sciences and Research, Oct-Nov 2015: 455-57

### **Presentations**

- Preparation and UV spectrophotometric determination of hydrotropic dispersions of Quercetin. **IPC Chitkara University, Rajpura Chandigarh, Dec 22<sup>nd</sup> -24 2017.**
- Stability Indicating RP-HPLC method development for estimation of Teneligliptin in tablet dosage form. **IPC Chitkara University, Rajpura Chandigarh, Dec 22<sup>nd</sup> -24 2017.**
- Characterisation and classification of stationary phase in HPLC and SFC. **Poster presentation Competition at Bajirao Karanjekar college of Pharmacy, Sakoli, Bhandara 23<sup>rd</sup> Sep 2017.**
- Saponin as cytotoxic agent: A review. **National Conference on Phytomedicine: A novel approach for treatment of cancer organized by Kamala Nehru College of Pharmacy, Butibori Nagpur. 25-26<sup>th</sup> March 2017**
- Therapeutic application of herbal medicine for cancer patients: A Review. **National Conference on Phytomedicine: A novel approach for treatment of cancer organized by Kamala Nehru College of Pharmacy, Butibori Nagpur. 25-26<sup>th</sup> March 2017**
- Anti-proliferative activity of olefine saponin of ethanolic extract of luffa acutangula seed extract. **National Conference on Phytomedicine: A novel approach for treatment of cancer organized by Kamala Nehru College of Pharmacy, Butibori Nagpur. 25-26<sup>th</sup> March 2017**

- Isolation characterisation and evaluation of triterpinoid saponin from camellia oleifera Adel sedd calci: A review. **21<sup>st</sup> National Convention of Society of Pharmacognosy organized by GCOP Aurangabad 17<sup>th</sup> March 2017.**
- Stability indicating Rp-HPLC method for determination of eperisone HCl and Diclofenac sodium in tablet dosage form. **Research Poster Presentation competition at SKB college of Pharmacy, Kamptee, 28<sup>th</sup> Feb 2017.**
- Effect Of Stress Condition On Dissolution Stability Of Tapentadol Hydrochloride Tablets. **2<sup>nd</sup> International Conference INNOPHARM 2 organised by Innovare Academic sciences on 11-12 Feb 2017**
- Development Of Validated Rp-Hplc Method For Assay And Dissolution Analysis Saroglitazar Of In Solid Dosage Form. **2<sup>nd</sup> International Conference INNOPHARM 2 organised by Innovare Academic sciences on 11-12 Feb 2017**
- Validated Stability Indicating Rp-Hplc Method For Simultaneous Determination And In Vitro Dissolution Studies Of Cinitapride And Pantoprazole From Capsule Dosage Form. **2<sup>nd</sup> International Conference INNOPHARM 2 organised by Innovare Academic sciences on 11-12 Feb 2017**
- Determination Of Formaldehyde Content In Different Grades Of Polyethylene Glycols By Various Analytical Methods. **2<sup>nd</sup> International Conference INNOPHARM 2 organised by Innovare Academic sciences on 11-12 Feb 2017**
- Related substance method development and validation of naproxen in formulation by HPLC. **Avishkar 2015, 10<sup>th</sup> Maharashtra State Inter university research Convention at Savitri Bai Phule Pune University, Pune 10-12 Jan, 2016**
- Determination of Olanzapine related substance by RRLC. **Avishkar 2015, Intercollegiate Research Festival at Mathuradas Mohota College of Science, Nagpur 21<sup>st</sup> Dec, 2015**

- New tool for quality control of herbal medicines. **2<sup>nd</sup> Int. Congress for society of Ethno pharmacology, Nagpur, feb 20-22, 2015**
- Markers in standardization and quality control of herbal medicines. **2<sup>nd</sup> Int. Congress for society of Ethno pharmacology, Nagpur, feb 20-22, 2015**
- Stability Indicating HPLC method for simultaneous of Dapoxetine HCl and Tadalafil in combined dosage form **Avishkar 2014, Intercollegiate Research Festival at Binzani College, Nagpur 21<sup>st</sup> Dec, 2014**
- Bioanalytical Method Validation Of Ligand-Binding Assays: Pharmacokinetic Assessments Of Macromolecules,. **One day national seminar on Bio-analytical techniques: Approaches & Challenges at Tuli Int. on 14<sup>th</sup> Nov 2014 organised by SKBCOP in association with APTI-MS**
- Fourier Transform Infrared Spectroscopy And High throughput Screening: Bioanalytical Tools For Diagnosis And Drug Development In Alzheimer Disease. **One day national seminar on Bioanalytical techniques: Approaches & Challenges at Tuli Int. on 14<sup>th</sup> Nov 2014 organised by SKBCOP in association with APTI-MS**
- Silica as A Nanopartical In Bioanalysis. **One day national seminar on Bioanalytical techniques: Approaches & Challenges at Tuli Int. on 14<sup>th</sup> Nov 2014 organised by SKBCOP in association with APTI-MS**
- The Challenges Of “Large Molecule” Ligand –Binding Assay –Validation And Bioanalysis. **One day national seminar on Bioanalytical techniques: Approaches & Challenges at Tuli Int. on 14<sup>th</sup> Nov 2014 organised by SKBCOP in association with APTI-MS**
- High Throughput Bioanalytical Lc-Ms/Ms Methods: Acritical Review. **One day national seminar on Bioanalytical techniques: Approaches & Challenges at Tuli Int. on 14<sup>th</sup> Nov 2014 organised by SKBCOP in association with APTI-MS**

- Qbd Approach In Bio-Analytical Studies. **One day national seminar on Bioanalytical techniques: Approaches & Challenges at Tuli Int. on 14<sup>th</sup> Nov 2014 organised by SKBCOP in association with APTI-MS**
- Bridging The Gap In Cell Therapy By Using Qbd Approach. **One day national seminar on Bioanalytical techniques: Approaches & Challenges at Tuli Int. on 14<sup>th</sup> Nov 2014 organised by SKBCOP in association with APTI-MS**
- Matrix Effect In Lc/Ms/Ms: Causes And Elimination. **One day national seminar on Bioanalytical techniques: Approaches & Challenges at Tuli Int. on 14<sup>th</sup> Nov 2014 organised by SKBCOP in association with APTI-MS**
- Recent Trends In The Study Of Metabolomics. **One day national seminar on Bioanalytical techniques: Approaches & Challenges at Tuli Int. on 14<sup>th</sup> Nov 2014 organised by SKBCOP in association with APTI-MS**
- Mass Spectrometry In Proteomic Analysis Of biomarkers At Pre-Diabetic Stage. **One day national seminar on Bioanalytical techniques: Approaches & Challenges at Tuli Int. on 14<sup>th</sup> Nov 2014 organised by SKBCOP in association with APTI-MS**
- Advancement In Bioanalytical Ms To Determine Marine Toxin. **One day national seminar on Bioanalytical techniques: Challenges at Tuli Int. on 13<sup>th</sup> Sep 2014 organised by SKBCOP in association with APTI-MS**
- Application of QBD concept in stem cell therapy: Issues and Perspectives. **One day national seminar on Quality by Design: the next phase in pharma realm at Tuli Int. on 13<sup>th</sup> Sep 2014 organised by SKBCOP in association with APTI-MS**
- Quality by design approaches to analytical process. **One day national seminar on Quality by Design: the next phase in pharma realm at Tuli Int. on 13<sup>th</sup> Sep 2014 organised by SKBCOP in association with APTI-MS**

- Quality by design Approach: 3C's. **One day national seminar on Quality by Design: the next phase in pharma realm at Tuli Int. on 13<sup>th</sup> Sep 2014 organised by SKBCOP in association with APTI-MS**
- QbD principle in analysis of orally inhaled and nasal drug product. **One day national seminar on Quality by Design: the next phase in pharma realm at Tuli Int. on 13<sup>th</sup> Sep 2014 organised by SKBCOP in association with APTI-MS**
- Quality by Design : A new era in drug development. **One day national seminar on Quality by Design: the next phase in pharma realm at Tuli Int. on 13<sup>th</sup> Sep 2014 organised by SKBCOP in association with APTI-MS**
- Quality by Design in analytical process. **One day national seminar on Quality by Design: the next phase in pharma realm at Tuli Int. on 13<sup>th</sup> Sep 2014 organised by SKBCOP in association with APTI-MS**
- Development of quality control and test method for dissolution analysis of atenolol and indapamide in tablets. 64<sup>th</sup> IPC 2012, **SRM University Chennai**
- 62<sup>nd</sup> IPC 2010, manipal, 17-19 Dec 2010
- Supercritical fluid chromatography as successful tool in pharmaceutical industry at International Symposium on Recent advances and Challenges in pharmaceutical industry at **COP , Koradi, Nagpur 2010**
- Metabolite fingerprinting and profiling in plants using NMR techniques at International Symposium on Recent advances and Challenges in pharmaceutical industry at **COP , Koradi, Nagpur 2010**
- Physical characterization of Pharmaceutical solids at 1<sup>st</sup> National convention on Recent advances in Pharmaceutical Sciences and Drug discovery at **KNCP, Butibori, Nagpur 2009**

- Imaging Mass spectrometry and Drug discovery 1<sup>st</sup> National convention on Recent advances in Pharmaceutical Sciences and Drug discovery at **KNCP, Butibori, Nagpur 2009**
- Orbitrap Mass spectrometry and its novel applications 1<sup>st</sup> National convention on Recent advances in Pharmaceutical Sciences and Drug discovery at **KNCP, Butibori, Nagpur 2009**
- Novel strategies for antidiabetic drug therapies targeting the enteroinsular axis 1<sup>st</sup> National convention on Recent advances in Pharmaceutical Sciences and Drug discovery at **KNCP, Butibori, Nagpur 2009**
- Impurities :identification, profiling and characterization 1<sup>st</sup> National convention on Recent advances in Pharmaceutical Sciences and Drug discovery at **KNCP, Butibori, Nagpur 2009**
- Therapeutic prospect in diabetes and its clinical relevance. International symposium on Clinical Pharmacy Education: Sharing the US Experiences at **GNCP, Nagpur 2009**
- Advances and Future trends in Management of Hypertension. International symposium on Clinical Pharmacy Education: Sharing the US Experiences at **GNCP, Nagpur 2009**
- Stress degradation analysis of amlodipine and olmesartan medoximil by Rp-HPLC in combined dosage form. **61<sup>st</sup> IPC 2009, Ahemdabad**
- Stress degradation studies of diacerein and aceclofenac in combined dosage form by HPLC. **61<sup>st</sup> IPC 2009, Ahemdabad**
- Rp-HPLC and UV spectrophotometric determination of montelukast and levocetirizine dihydrochloride in their combined dosage form. **61<sup>st</sup> IPC 2009, Ahemdabad**
- Development of Rp-HPLC method for simultaneous estimation of olmesartan and hydrochlorothiazide in combined dosage form. National workshop on Chromatography , **30-31 Jan, 2009 at IPER wardha**

- Terahertz Radiations: An Effective analytical tool for Pharmaceuticals. National seminar on advances on quality assurance of Pharmaceuticals, **10<sup>th</sup> Feb 2009 at SPCP, Nagpur.**
- Green chemistry: A magic bullet. National seminar on advances on quality assurance of Pharmaceuticals, **10<sup>th</sup> Feb 2009 at SPCP, Nagpur.**
- UV-spectrophotometric determination of diacerhein in capsules. National seminar on advances on quality assurance of Pharmaceuticals, **10<sup>th</sup> Feb 2009 at SPCP, Nagpur.**
- Validated spectrophotometric determination of olmesartan medoximil in tablets. National seminar on advances on quality assurance of Pharmaceuticals, **10<sup>th</sup> Feb 2009 at SPCP, Nagpur.**
- UV-spectrophotometric determination of atorvastatin and amlodipine in tablets. National seminar on advances on quality assurance of Pharmaceuticals, **10<sup>th</sup> Feb 2009 at SPCP, Nagpur.**
- Computer aided drug design: An approach. National seminar on advances on quality assurance of Pharmaceuticals, **10<sup>th</sup> Feb 2009 at SPCP, Nagpur**
- Simultaneous spectrophotometric determination of amlodipine besylate and Nebivolol hydrochloride in tablets. National seminar on advances on quality assurance of Pharmaceuticals, **10<sup>th</sup> Feb 2009 at SPCP, Nagpur.**
- Regulatory affairs: A career and its professional development frame. National seminar on advances on quality assurance of Pharmaceuticals, **10<sup>th</sup> Feb 2009 at SPCP, Nagpur.**
- Three spectrophotometric methods for simultaneous estimation of pantoprazole and Itopride hydrochloride in capsules. National seminar on advanced drug delivery system held at **RC Patel College of Pharmacy, shirpur, Aug 2008**
- Uv- spectrophotometric methods for simultaneous estimation of amlodipine and valsartan in pharmaceutical dosage form. National seminar on advanced drug delivery system held at **RC Patel College of Pharmacy, shirpur, Aug 2008**



- Targeting of brain tumours using nano-carriers. National Symposium on Nanotrends-2008 at **Dharmpeth M P Deo Memorial Science College, Nagpur, Sep 2008**
- Spectrophotometric methods for the simultaneous estimation of paracetamol and etoricoxib in tablet. **13<sup>th</sup> National Convention of APTI, Bilaspur 2008.**
- Spectrophotometric methods for the simultaneous estimation of ambroxol hydrochloride and salbutamol in tablet. **13<sup>th</sup> National Convention of APTI, Bilaspur 2008.**
- Simultaneous estimation of methocarbamol and nimesulide by UV-spectrophotometric method. **13<sup>th</sup> National Convention of APTI, Bilaspur 2008.**
- Simultaneous spectrophotometric estimation of hydrochlorthiazide and olmesartan medoximil in tablets. **13<sup>th</sup> National Convention of APTI, Bilaspur 2008.**
- Coating and its Evaluation: Past and Present Scenario. National level workshop on Coating Technology of solid dosage forms, Oct 2008 at **Gurunank college of Pharmacy Nagpur**
- Terahertz pulsed imaging: A new venture in tablet coating evaluation. National level workshop on Coating Technology of solid dosage forms, Oct 2008 at **Gurunank college of Pharmacy Nagpur**
- A Stability indicating RP-HPLC method for estimation of paracetamol and etoricoxib in combined dose tablet. **60<sup>th</sup> IPC, Delhi, 2008**
- Validated RP-HPLC method for simultaneous estimation of atorvastatin and atenolol in pharmaceutical dosage form. **60<sup>th</sup> IPC, Delhi, 2008**
- Stress studies and development of stability indicating Rp-Hplc method for the simultaneous estimation of pantoprazole and itopride hydrochloride in capsules. **60<sup>th</sup> IPC, Delhi, 2008**
- Hyphenated techniques breathing new life into the analytical instrumentation at industry and institution level. National seminar on Academia-industry collaboration: Hitherto & Challenges, **SKB College of Pharmacy Kamptee, Sep 2007.**

- Bio-informatics- A collaborative tool between CADD and New drug development. National seminar on advanced drug delivery system held at **Sharad Powar College Pharmacy, Nagpur, Dec 2007**
- Validated spectrophotometric methods for estimation of valsartan in tablet dosage form. National seminar on advanced drug delivery system held at **Sharad Powar College Pharmacy, Nagpur, Dec 2007**
- Spectrophotometric estimation of Itopride hydrochloride in bulk and pharmaceutical formulations. National seminar on advanced drug delivery system held at **SPCP, Nagpur, 2007**
- Uv-Spectrophotometric determination of aceclofenac in tablet dosage form. **59<sup>th</sup> IPC, Varanasi, 2007**
- A stability indicating RP-HPLC method for estimation of atrovastatin and nicotinic acid in combined tablet dosage form. **59<sup>th</sup> IPC, Varanasi, 2007**
- Spectrophotometric determination of atorvastatin and fenofibrate from their combined dosage forms. **59<sup>th</sup> IPC, Varanasi, 2007**
- “Organizational behaviour: A determinant of teachers attitude towards their duties”. Presented at **International Convention of APTI, Vishakapatnam 2004.**
- “Development of forced degradation profile of Benazepril using HPTLC”. Presented at **International Convention of APTI, Vishakapatnam 2004.**
- “HPTLC method for simultaneous estimation of atenolol and indapamide”. Presented at **International Convention of APTI, Vishakapatnam 2004.**
- “A stability indicating HPTLC estimation of ramipril in pharmaceuticals”. Presented at **International Convention of APTI, Vishakapatnam 2004.**
- “Stability indicating HPTLC estimation of indapamide in tablets”. **56<sup>th</sup> IPC, Kolkata, 2004**
- “Need for Career Counseling of Pharmacy Students at Institutional Level: A Case Study”. Presented at **8<sup>th</sup> National Convention of APTI, Hubli 2003.**

- “Curriculum Implementation in a Pharmacy Course: A Need for Appropriate Perception”. Presented at **8<sup>th</sup> National Convention of APTI, Hubli 2003**.
- “Hepatoprotective activity of Gloriosa superba Linn”. **Gandhinagar, 2003**
- Stability indicating HPTLC method for simultaneous estimation of Ofloxacin and Tinidazole. **54<sup>th</sup> IPC, Pune**
- Stability indicating HPTLC method for simultaneous estimation of metoprolol tartarate and hydrchlorthiazide in tablets. **54<sup>th</sup> IPC, Pune**
- “Simultaneous estimation of simvastatin and nicotinic acid in tablet formulation”. **54<sup>th</sup> IPC, Pune**
- “Pharmaceutical Marketing: A subject to be treated with a difference”. **54<sup>th</sup> IPC Pune**

#### **Editor/Editorial board Member**

1. Research Pharamceutica
2. Int Journal of Pharmaceutical Chemistry and Analysis

#### **Membership of Learned Societies and Professional Bodies**

1. Association of Pharmaceutical Teachers of India- MA/LM/550
2. Chhattisgarh State Pharmacy Council, Chhattisgarh- Life Member: 6971

#### **Professional and Research contribution (100 words) :**

As a part of SKB college of Pharmacy involved in the academic activities, prepared many ppts of different topics for UG and PG students. Worked as guardian teacher for many year for UG and PG course, solved issues among the students related to academic. As GATE in-charge was actively involved in the conduction of various tests for GATE preparation.

AS a **purchase coordinator** carried out the purchase related matter of the institute. Maintenance of records in store, their issue is very streamlined for students and teachers. The store is equipped with the **Masters software** for entry and issue etc.

**As an Instrument in-charge**, was involved in the purchase, maintenance and training of various instruments to faculty and students at various level (UG/PG/Research).

Preparation of SOPs of various instruments was also done.

As an **IAEC member** involved in the animal house practices, their protocol sanctioning

#### **Seminar / workshop/ Conference / professional training programmes attended**

S.No.	Date	Name
1.	2 <sup>nd</sup> Oct 1999	2 <sup>nd</sup> National Convention IPA-Education ans students wing at IOP, Wardha.
2.	21 <sup>st</sup> Oct-1 <sup>st</sup> Nov 2002	AICTE-ISTE short term training program, Nagpur college of Pharmacy, Wanadongri, Nagpur
3	13-15 <sup>th</sup> Dec 2002	54 <sup>th</sup> IPC 2002 at BV, Dhankwadi, Pune
4	18-26 <sup>th</sup> Sept 2004	Arogyam-2004, IMA premises, Nagpur
5	2-3 <sup>rd</sup> Oct 2004	APTI International Convention , 2004 Andhra University, Vishakhapatnam
6	3-5 <sup>th</sup> Dec 2004	56 <sup>th</sup> IPC 2004, Science City convention centre, Kolkata
7	26-27 <sup>th</sup> Sep 2005	Training program, Spinco Lab pvt Ltd, Guindy, Chennai
8	17-18 <sup>th</sup> Oct 2005	10 <sup>th</sup> APTi National Convention, UDPS, Nagpur
9	18 <sup>th</sup> -30 <sup>th</sup> June 2007	AICTE sponsored SDP, SKBCOP, kamptee
10	21-22 <sup>nd</sup> Sep 2007	AICTE sponsored national seminar Academia-Industry Collaboration: Hiterto and Challenges, SKBCOP kamptee
11	24 <sup>th</sup> Nov-7 <sup>th</sup> Dec 2009	AICTE sponsored SDP at KNCP, Butibori Nagpur
12	23 <sup>rd</sup> July 2011	AICTE sponsored national seminar on Pulmonary drug delivery system, SKBCOP, Kamptee
13	29 <sup>th</sup> Dec 2011	National Seminar on Pharamceutical IPR: protection and enforcement, NIIPM-IPA-SKBCOP, kamptee
14	24 <sup>th</sup> Nov 2012-7 <sup>th</sup> Dec 2012	Recent trenda in Pharmacy education and practice, <b>SPCP Wanadongri, Nagpur</b>
15	20 Oct 2012	One day national conference on Pharmaceutical Science for shaping the future of India, <b>UDPS , Nagpur</b>
16	5-7 Jan, 2013	45th Annual Conference of <b>Indian Pharmacological Society and International Conference on 'Navigating Pharmacology Towards Safe and Effective Therapy', Vanamati, Nagpur</b>
17	13 <sup>th</sup> & 14 <sup>th</sup> Oct 2012	<b>1<sup>ST</sup> PHARMA HR SUMMIT 2012; Industrial Expectations &amp; Academic output: Building a Rapport to Bridge the Gap.</b> Tuli International , SKBCOp, Kamptee, Nagpur
18	16 <sup>th</sup> March 2013,	One Day national Symposium on Pre clinical Evaluation for Drug Discovery: Current and Emerging Opportunities, Gurunank college , Nagpur
19	13 <sup>th</sup> Sep 2014	Quality by design: The net phase in Pharm Realm, Tuli International , SKBCOp, Kamptee, Nagpur
20	11 Feb 2014	One Day <b>Pharmacist Awareness Program</b> by Dr. Mahesh Zagade At Deshpande hall, Nagpur
21	21 Dec, 2013	One day International seminar on <b>"Pharmaceutical Dosage form Design and Development: Challenges and opportunity"</b> , SKBCOP, kamptee
22	3 <sup>rd</sup> Jan 2014	One day National Seminar on <b>Pharmaceutical Industrial Expectations: Today &amp; Tomorrow, Tuli International, SKBCOP kamptee, Nagpur</b>

23	28 – 30 Nov 2014	APTI's 19 <sup>th</sup> National Convention at Pune
24	13 <sup>th</sup> Sept 2014	One day National level Seminar on <b>"Quality by Design: The Next Phase in Pharma Realm"</b> , Tuli Imperial, Nagpur
25	15 <sup>th</sup> Nov 2014	One day Seminar on Bioanalytical Techniques: Approaches and Challenges, Nagpur
26	11 October 2014	One day seminar on <b>"Standing Ahead in a Competitive World"</b> , by Ms.Dimple Panchal, Sr,Manager-HR, Getz Pharma Research Pvt. Ltd, Mumbai., SKBCOP, Nagpur
27	25 <sup>th</sup> & 26 <sup>th</sup> Aug 2014	Two day workshop on <b>CV writing and Interview Techniques</b> , SKBCOP Kamptee
28	25 <sup>th</sup> Jan 2015	One day awareness program on <b>IPR, NIIPM, Nagpur</b>
29	20-22 <sup>nd</sup> Jan 2015	Interuniversity Research Festival (Avishkar 2014), <b>MAFSU Nagpur</b>
30	20-22 Feb 2015	2 <sup>nd</sup> International Congress of Ethnopharmacology, Vanamati, UDPS, <b>Nagpur</b>
31	28 <sup>th</sup> -30 <sup>th</sup> Nov, 2015	APTI's 20 <sup>th</sup> National Convention at Indore
32	23 <sup>rd</sup> & 24 <sup>th</sup> Jan 2016	<b>2<sup>nd</sup> PHARMA HR SUMMIT 2016; "Tailoring Talent for Tomorrow: A Pharma HR Perspective" and "Transforming Scientific Excellence to Employability"</b> , LE-meridian, SKBCOP Nagpur
33	27 <sup>th</sup> Aug 2015	One day National Seminar on <b>"Cognitive Science in Troubleshooting: From Melady to Melody"</b> , SKBCOP kamptee
34	26 <sup>th</sup> Sept 2015	One day National level Orientation Program on <b>"Advocacy &amp; Awareness of Clinical Trials in India"</b> , SKBCOP Kamptee
35	Oct 17 <sup>th</sup> 2015	<b>Funding to Research Project: Agencies, Application and Implementation</b> , SKBCOP, Kamptee
36	18 <sup>th</sup> Oct 2015	<b>On-field educational workshop on medicinal flora of pench region</b>
37	16-17 <sup>th</sup> Mar 2017	Two days National conference on: Exploring Herbal Domain: Past, present and Future of India on Global Map, <b>GCOP, Aurangabad</b>
38	25 <sup>th</sup> -26 <sup>th</sup> Mar 2017	National Conference on Phytomedicine: <b>A novel Approach for Treatment of Cancer, KNCP, Butibori, Nagpur</b>
39	11-12 Feb 2017	2 <sup>nd</sup> International Conference on <b>Bridging Innovations in Pharmaceutical, Medical and Biosciences, Innovare Academic, MPSCT, Bhopal</b>
40	7 <sup>th</sup> Oct 2016	<b>Seminar on Awareness about Intellectual Property Rights</b> , RGNIPM, Nagpur
41	18 <sup>th</sup> Oct 2016	<b>On-field educational workshop on medicinal flora of pench region</b>
42	28 <sup>th</sup> Feb 2017	Research presentation Competition: <b>Innovations and research in Pharmaceutical sciences</b> , SKBCOP, Kamptee
43	22 <sup>nd</sup> Mar 2017	<b>Late Dr A.K.Dorle Memorial Lecture Series-2<sup>nd</sup></b> , UDPS, Nagpur
44	25 <sup>th</sup> Feb 2017	One day Seminar on <b>Cause and Cure for the Fire: Protection Confront</b> , SKBCOP, Kamptee
45	27 <sup>th</sup> Feb 2017	<b>Sexual Harassment of Women at workplace</b> , SKBCOP, Kamptee
46	18 <sup>th</sup> Nov 2017	<b>Growth opportunities for pharma and allied sectors in Nagpur region</b> , CIPPARA, Nagpur
47	3 Feb 2018	<b>National Conference on Role of Excipients in Drug product design</b> , Gurunank College of Pharmacy, Nari, Nagpur

