



Shri Sadashivrao Patil Shikshan Sanstha's

Smt. Kishoritai Bhoyar College of Pharmacy

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

Dr. Krishna R. Gupta**Educational Qualification:** M. Pharm, PhD, DBM, PGDRA**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
PGDRA	Regulatory Affairs	IGMPI, Noida	2019
DBM	(Correspondence)	Prin L N Welinkar Inst. of Mangt.	2000

Total experience in years:**Academics:** 19 Years**Research:** 17 Years

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

Research (Ph.D) Student: 3 (Awarded)**Research Guidance (PG) M.Pharm guided: 60, 5 presently working
(UG) B.Pharm guided: 20****Professional experience:**

- **Professor of Pharmaceutical Chemistry**, at S.K.B. college of Pharmacy, New Kamptee from 1st 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. **(05 Years)**
2. Worked as a Executive Member Purchase Committee at S.K.B. College of Pharmacy, Kamptee from session 2004 onwards **(17 Years)**
3. Worked as a Head, Instrumentation at S.K.B. College of Pharmacy, Kamptee from session 2004 onwards **(18Years)**
4. Member IAEC at S K B College of Pharmacy, Kamptee from session 2016 onwards (05 years)
5. Member of various institutional Committees

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, assay, dissolution method, 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. Presently involved in the synthesis of substituted flavonoids for their anticancer activity.

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) **Published**
 - c) Bepotastine besilate ophthalmic insert composition (201721013104) **Published**

Book Published

1. Pharmaceutical Quality Assurance Publisher: Pee vee (S.Vikas and company) (Medical publishers) ISBN: 9781543342949

Publications and Presentations

- **Review Article: 12**

- **Research Publication: 75, Conference proceedings Presentation: 9**
- **Research Presentation: 110**

Publications:

National Journal: **63** International Journals: **20**

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
6. The magic particle silica: Past to present. **International Journal of Pharmaceutical Chemistry and Analysis**, 2018;5(3): 123 - 129
7. An Approach to Drug Stability Studies and Shelf-life Determination. **Archives of Current Research International**,2019, 19(1):1-20
8. Drug Excipient Compatibility Testing Protocols and Charaterization: A Review. **Asian Journal of Chemical Sciences**, 2019,6(3): 1-22
9. A Review on Synthesis and Biological Activity of Substituted Apigenin Derivatives. **Indo American Journal of Pharmaceutical Research**, 2020,10(01): 560-572
10. Genotoxic Impurities: An Important Regulatory Aspect. **Asian J Pharm Clin. Res.**, 2020, 13(6): 10-25
11. Therapeutic approaches in alzheimers disease: β -amyloid peptide inhibitors. **Indian Journal of Pharmacy and Pharmacology**, 2020, 7(3): 147-154
12. Nano-carriers for brain disorders targeting the blood brain barrier (BBB) crossing strategies, **Indian Journal of Pharmacy and Pharmacology**, 2020, 7(4):213-221

Research Article

13. Development and validation of dissolution test method for determination of cyclobenzaprine hydrochloride from its formulation using HPLC, **International Journal of Pharmaceutical Chemistry and Analysis**, 2020, 7(4):179-187
14. Validated Stability Indicating and Assay Method Development of Linagliptin in Formulation by RP-HPLC Using Quality by Design, **Orbital E journal of Chemistry**, 2020, 12 (2): 48-61
15. Uv-Spectrophotometric Determination of Tropicamide in Formulation, **Der Pharma Chemica**, 2020, 12 (5): 25-31
16. Development of HPLC method for estimation of Darunavir Related substance in formulation, **Bio medical Journal of Scientific and Technical Research**, 2020, 28(2): 21444-21460
17. Development and Validation of UV-Spectrophotometric and HPLC Method determination of Dofetilide in Formulation. **International Journal of Pharm Tech Research**, 2020, 13(02):60-70
18. Studies on Bioavailability Enhancement of Curcumin. **International Journal of Pharmacy and Pharmaceutical Sciences**, 2019, 12 (2): 20-25,
19. Investigation on Effect of Stress on Dissolution Stability of Drug Product by Applying Thermal and Non-Thermal Methods of Analysis. **Asian Journal of Applied Chemistry Research**, 2019,4(1): 1-20
20. Solubility Enhancement and Pharmacokinetic Assessment of Chemically Modified Lamotrigine in Rat Blood Plasma by HPLC. **Asian Journal of Applied Chemistry Research**, 2019,4(1): 1-16
21. Formulation and Evaluation of Hydrotropic Solid Dispersions of Curcumin. **J Curr Chem Pharm Sc**, 2019, 9(1): 120
22. Validated Rp-Hplc Method for Simultaneous Determination Of Ibuprofen And Pseudoephedrine In Pharmaceutical Formulation. **Indo American Journal of Pharmaceutical Research**.2019, 9(04): 1976-1981

23. Development of Stability Indicating and Robust RP-HPLC Method for Determination of Tenueligliptin. **Asian Journal of Applied Chemistry Research**, 2018,1(4): 1-12
24. Health risk assessment to Calcium in drinking water of rural residents living in Bhusawal city, Maharashtra (India). **Pharma Tutor**, 2018, 6(10):41-43
25. Health risk assessment to Zinc in drinking water of rural residents living in Bhusawal city, Maharashtra (India). **Pharma Tutor**, 2018, 6(5):48-50
26. Development and Statistically validated Uv spectrophotometric determination of testosterone in gel formulation. **Pharmaceutical and Biological Evaluation**, 2018, 5(1): 1-9
27. Application of Rp-HPLC and Uv spectrophotometric method in dissolution testing of Tenueligliptin. **Der Pharma Chemica**, 2018, 10(1):
28. Estimation of Dapagliflozin from its Tablet Formulation by UV-Spectrophotometry. **Pharmaceutical Methods**. 2017, 8(2): 102 – 107
29. 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):
30. HPLC and Uv spectrophotometric estimation of tenueligliptin in tablet dosage from. **Asian J Pharm Analysis and Medicinal Chemistry**, 2016, 4(3):148-156
31. 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
32. Design and Evaluation of ophthalmic delivery of bepotastine besylate from eye drop, **Pharmaceutical Methods**. 2016, 7(2): 104 – 111.
33. 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
34. Development and validation of dissolution test method for aliskiren in tablet by HPLC, **WJPPS**, 2015, 4(10):2034-2049
35. 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):

36. 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
37. Stability Indicating RP-HPLC Assay Method for Estimation of Dronedarone Hydrochloride in Tablet. **Journal of Applied Pharmaceutical Sciences**, 2015, 5(05):83-88
38. 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
39. 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
40. 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
41. 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
42. 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
43. Hplc Method Development And Validation For Determination of Raltegravir In Blood Plasma. **Int J Pharm Bio Sci** 2015; 6(1): (P) 113 – 120
44. Intrinsic Stability Analysis and Assay Method For Determination of Fenofibrate In Formulation By HPLC. **Carib. J .SciTech**, 2014,2: 669-689
45. Solid-State Characterization of Thiocolchicoside, **International Journal of Advances in Pharmaceutical Research**, 2013, 4(2): 1441-1450
46. Stability Indicating HPLC Assay Method Development for Determination of Acebrophylline **Inventi Rapid: Pharmaceutical Analysis and Quality Assurance**, 2013, 2013(2):1-9

47. 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
48. Drug excipient compatibility study using thermal and non-thermal method of analysis. **International Journal of Chemtech Applications**, 2013, 2(2): 23-49
49. 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
50. 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
51. Stability Indicating HPLC Assay method for diacerein and aceclofenac in tablets. **American Journal of Pharm tech Research**, 2011, 1(3): 202-218
52. Validated Reverse Phase HPLC Method for Simultaneous Estimation of Atorvastatin and Atenolol in Tablets, **Der Pharmacia Lettre**, 2011, 3(4): 393-400
53. Development and validation of spectrophotometric methods for determination of aceclofenac in tablets, **Int. J. Chem Tech Research**, 2011, 3(2): 786-790
54. Simultaneous UV-spectrophotometric determination of thiocholchcoside and diclofenac in pharmaceutical formulation, **Der Pharmacia Sincia**, 2010, 1(2): 44-51
55. Uv-spectrophotometric estimation of diacerein in pharmaceutical formulation, **J. Chem. Pharm. Res.**, 2010,2(3): 467.472
56. Spectrophotometric method for simultaneous estimation of pantoprazole and Itopride hydrochloride in capsule. **Orbital-E journal of Chemistry, Campo Grande** 2010, 2(2):180-88
57. 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
58. Uv-spectrophotometric method for the estimation of itopride hydrochloride in pharmaceutical formulation. **E- Journal of Chemistry**, 2010, 7(S1): S49-S54
59. Validated Spectrophotometric Determination Of Prulifloxacin In Tablet Dosage Form, **Research J. Pharm and Tech.**, 2010, 3(4): 1114-1117

60. 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
61. Uv-spectrophotometric determination of aceclofenac and diacerein in pharmaceutical formulation, **J. Pharm Sci. and Res.**, 2010 2(7):426-432
62. Uv-spectrophotometric determination of Thiocholchicoside in capsule. **Der Pharma Chemica**, 2010,2(2); 384-391
63. Validated spectrophotometric determination of fenofibrate in pharmaceutical formulations, **Der Pharmacia Sincia**, 2010, 1(1): 173-78
64. Uv-spectrophotometric methods for estimation of valsartan in bulk and tablet dosage form, **Int. Journal of Chem Tech Research**, 2010, 2(2):985-989
65. A validated high performance thin layer chromatographic method for quantitation of sertraline in tablets. **Journal of Planar Chromatography**, 2010, 23(2):135-137
66. Uv-spectrophotometric determination of hydrochlorothiazide and olmesartan medoxomil in pharmaceutical formulation. **E- Journal of Chemistry**, 2010, 7(4): 1156-1161
67. 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
68. 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
69. 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
70. Simultaneous Uv spectrophotometric determination of valsartan and amlodipine in tablet. **Int. Journal of ChemTech Research**, Jan-Mar 2010, 2(1):551-56
71. 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

72. New spectrophotometric method for simultaneous determination of metoprolol tartarate and hydrochlorthiazide in pharmaceutical dosage form. **Ind J Pharm Sci.**, 2008, 70(4), 514-517
73. HPTLC determination of atenolol and Indapamide from pharmaceutical dosage forms. **Asian J. Chem.**, 2007, 19(6), 4183-87
74. Simultaneous determination of amlodipine and ramipril by HPTLC. **Asian J. Chem.**, 2007, 19(6), 4177-82
75. RP-HPLC method for simultaneous estimation of Telmisartan and Hydrochlorthiazide in tablet dosage form. **Indian J. Pharm. Sci.**, 2007, 69(2), 298-300.
76. Simultaneous HPTLC Determination of Amlodipine and benazepril hydrochloride. **Biosciences Biotechnology Research Asia**, 2007.
77. HPTLC method for simultaneous estimation of Nimesulide and Diclofenac sodium in capsule, **Asian J. Chem**, 2006, 18(2), 1078-84.
78. A validated HPTLC method for simultaneous estimation of Lamivudine and Zidovudine in tablets. **Asian J. Chem.**, 2006, 18(4), 2669-2672
79. Simultaneous High Performance Thin Layer Chromatographic Estimation of Lamivudine and Stavudine in tablet dosage forms. **Ind. J. Pharm Sci.**, Jan-Feb 2005,96-97
80. A validated HPTLC determination of indapamide in tablets. **Journal of Pharmaceutical Research**, 2005, 4(3), 55-57
81. A validated HPTLC determination of fenofibrate. **Indian Journal of Pharmaceutical Sciences**, 2005, 67(6), 762-64
82. HPTLC method for simultaneous estimation of Ofloxacin and Tinidazole in pharmaceutical dosage form. **Indian Drugs**, 2004, **41(3)**, 160-165.
83. 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-2yl-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 hydroalcoholic dispersions of Quercetin. **IPC Chitkara University, Rajpura Chandigarh, Dec 22nd -24 2017.**
- Stability Indicating RP-HPLC method development for estimation of Teneligliptin in tablet dosage form. **IPC Chitkara University, Rajpura Chandigarh, Dec 22nd -24 2017.**
- Characterisation and classification of stationary phase in HPLC and SFC. **Poster presentation Competition at Bajirao Karanjekar college of Pharmacy, Sakoli, Bhandara 23rd 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. 25-26th 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. 25-26th March 2017**
- Anti-proliferative activity of oleonin 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. 25-26th March 2017**
- Isolation characterization and evaluation of triterpenoid saponin from camellia oleifera Adel sedd calci: A review. **21st National Convention of Society of Pharmacognosy organized by GCOP Aurangabad 17th 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, 28th Feb 2017.**

- Effect Of Stress Condition On Dissolution Stability Of Tapentadol Hydrochloride Tablets. **2nd 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. **2nd 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. **2nd 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. **2nd 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, 10th 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 21st Dec, 2015**
- New tool for quality control of herbal medicines. **2nd Int. Congress for society of Ethno pharmacology, Nagpur, feb 20-22, 2015**
- Markers in standardization and quality control of herbal medicines. **2nd 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 21st 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 14th 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 14th Nov 2014 organised by SKBCOP in association with APTI-MS**
- Silica as A Nanoparticle In Bioanalysis. **One day national seminar on Bioanalytical techniques: Approaches & Challenges at Tuli Int. on 14th 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 14th Nov 2014 organised by SKBCOP in association with APTI-MS**
- High Throughput Bioanalytical Lc-Ms/Ms Methods: A Critical Review. **One day national seminar on Bioanalytical techniques: Approaches & Challenges at Tuli Int. on 14th 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 14th 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 14th 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 14th 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 14th 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 14th 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 13th 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 13th 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 13th 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 13th 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 13th 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 13th 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 13th 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. 64th IPC 2012, **SRM University Chennai**
- 62nd 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 1st National convention on Recent advances in Pharmaceutical Sciences and Drug discovery at **KNCP, Butibori, Nagpur 2009**
- Imaging Mass spectrometry and Drug discovery 1st National convention on Recent advances in Pharmaceutical Sciences and Drug discovery at **KNCP, Butibori, Nagpur 2009**
- Orbitrap Mass spectrometry and its novel applications 1st 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 1st National convention on Recent advances in Pharmaceutical Sciences and Drug discovery at **KNCP, Butibori, Nagpur 2009**

- Impurities :identification, profiling and characterization 1st 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. **61st IPC 2009, Ahemdabad**
- Stress degradation studies of diacerein and aceclofenac in combined dosage form by HPLC. **61st IPC 2009, Ahemdabad**
- Rp-HPLC and UV spectrophotometric determination of montelukast and levocetirizine dihydrochloride in their combined dosage form. **61st 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, **10th Feb 2009 at SPCP, Nagpur.**
- Green chemistry: A magic bullet. National seminar on advances on quality assurance of Pharmaceuticals, **10th Feb 2009 at SPCP, Nagpur.**
- UV-spectrophotometric determination of diacerein in capsules. National seminar on advances on quality assurance of Pharmaceuticals, **10th Feb 2009 at SPCP, Nagpur.**
- Validated spectrophotometric determination of olmesartan medoximil in tablets. National seminar on advances on quality assurance of Pharmaceuticals, **10th Feb 2009 at SPCP, Nagpur.**

- UV-spectrophotometric determination of atorvastatin and amlodipine in tablets. National seminar on advances on quality assurance of Pharmaceuticals, **10th Feb 2009 at SPCP, Nagpur.**
- Computer aided drug design: An approach. National seminar on advances on quality assurance of Pharmaceuticals, **10th 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, **10th Feb 2009 at SPCP, Nagpur.**
- Regulatory affairs: A career and its professional development frame. National seminar on advances on quality assurance of Pharmaceuticals, **10th 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. **13th National Convention of APTI, Bilaspur 2008.**
- Spectrophotometric methods for the simultaneous estimation of ambroxol hydrochloride and salbutamol in tablet. **13th National Convention of APTI, Bilaspur 2008.**
- Simultaneous estimation of methocarbamol and nimesulide by UV-spectrophotometric method. **13th National Convention of APTI, Bilaspur 2008.**

- Simultaneous spectrophotometric estimation of hydrochlorthiazide and olmesartan medoximil in tablets. **13th 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. **60th IPC, Delhi, 2008**
- Validated RP-HPLC method for simultaneous estimation of atorvastatin and atenolol in pharmaceutical dosage form. **60th IPC, Delhi, 2008**
- Stress studies and development of stability indicating Rp-Hplc method for the simultaneous estimation of pantoprazole and itopride hydrochloride in capsules. **60th 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. **59th IPC, Varanasi, 2007**
- A stability indicating RP-HPLC method for estimation of atorvastatin and nicotinic acid in combined tablet dosage form. **59th IPC, Varanasi, 2007**
- Spectrophotometric determination of atorvastatin and fenofibrate from their combined dosage forms. **59th 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”. **56th IPC, Kolkata, 2004**
- “Need for Career Counseling of Pharmacy Students at Institutional Level: A Case Study”. Presented at **8th National Convention of APTI, Hubli 2003.**
- “Curriculum Implementation in a Pharmacy Course: A Need for Appropriate Perception”. Presented at **8th 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. **54th IPC, Pune**
- Stability indicating HPTLC method for simultaneous estimation of metoprolol tartarate and hydrchlorthiazide in tablets. **54th IPC, Pune**
- “Simultaneous estimation of simvastatin and nicotinic acid in tablet formulation”. **54th IPC, Pune**

- “Pharmaceutical Marketing: A subject to be treated with a difference”. **54th IPC Pune**

Editor/Editorial board Member

1. Research Pharamceutica
2. Associate Editor, Int Journal of Pharmaceutical Chemistry and Analysis
3. International Journal of Pharmaceutical Chemistry Research

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
3. Society of Pharmaceutical Education and Research- Life Member:
SPER/LM/MH/194
4. Indian Association of Colleges of Pharmacy-Life Member: MHLM041

Professional and Research contribution (100 words) :

As a part of SKB college of Pharmacy involved in the academic activities, prepared many ppts/pdfs of different topics for UG and PG students. Worked as guardian teacher for many years 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 program attended

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

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

48	5-6 Oct 2018	APTI' Con2018th 23rd National Convention at Jaipur
49	4-5 July 2018	Introduction of Moodle: Learn Moodle 3.5 Basics
50	Oct 2019	APTI' Con2019th 24th National Convention at Dehradun
51	21-22 Jan 2019	APTI sponsored two days National Level Workshop on use of ICT based Teaching Learning Tools: Basics of Moodles
52	17 Nov 2019	CRS IC One day National Seminar on Translational Research: From Bench to Bedside
53	Jan 2020	Swayam FDP Refresher course in Pharmacy