

CURRICULUM VITAE



DR. AMIT SURYAKANT TAPKIR

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Researcher id : Q1539-2015

PROFESSIONAL EXPERIENCE:

- Working as Assistant Professor from 10th December 2008 to till date, in PES, Modern College of Pharmacy, Nigdi, Pune 411044.

TOTAL EXPERIENCE:

Teaching: 10 years

Research: 08

INSTITUTIONAL AND ADMINISTRATIVE RESPONSIBILITIES:

- Working as NSS Programme Officer, SPPU Pune.
- Working as NSS Pimpri Chinchwad area coordinator, SPPU Pune.
- Working as a member of students development committee
- Worked as sport In-charge
- Worked as Clinical Research Education Program (CREP) in-charge
- Worked as Institute Coordinator for B. Pharm and M. Pharm Admission.
- Appointed and worked as an examiner for various subjects of B. Pharm, M. Pharm, courses of Savitribai Phule Pune University, Shivaji University etc.
- Evaluator for Revaluation and Verification Section of Savitribai Phule Pune University, Pune
- Actively involved in designing of course structure and syllabus of B. Pharm. (2008 pattern, 2013 pattern, 2015 pattern) and M. Pharm. 2013 pattern with Choice Based Credit system of Savitribai Phule Pune University, Pune.

- Successfully faced Various inspections Like: NAAC (Grade: “B’ Score 2.85 on 4 point scale, 2014), PCI, AICTE, DTE, Best College Award (2015), Savitribai Phule Pune University, R&D Centre, Continuation of Affiliation and LIC and UGC recognition (2 (f) & 12 (B)
- Served as a Member of VIP transport and hospitality Committee for National convention of Association of Pharmaceutical Teachers in India “APTICON” held on 28th -30th Nov 2014 at Pune, India.
- Served as a Member transportation Committee for 58th Indian Pharmaceutical Congress, Bombay exhibition center, Goregaon, Mumbai. December 2006.

M. PHARM STUDENTS GUIDED: 13

Approved as PG guide by university of Pune and guided 13 M. Pharm students.

ACHIEVEMENTS / AWARDS:

- College Topper in D. Pharm.
- Qualified Graduate Aptitude Test in Engineering (GATE) 2006, organizing institute was IIT Kharagpur, with all India rank 836 out of 14277 candidates.
- Best poster award at Second International symposia on drug metabolism and Pharmacokinetics (DMPK), National Institute of Pharmaceutical Education And Research (NIPER) Mohali.
- Awarded second prize for the poster presentation in ‘South Asian chapter of American college of clinical pharmacology’ second international annual conference on October 4th and 5th 2008.

EDUCATIONAL QUALIFICATIONS:

- Ph.D. in Pharmaceutical Chemistry at Dr. D.Y. Patil Institute of Pharmaceutical Sciences & Research, Savitribai Phule Pune University, Maharashtra, India (2018).
- Master of Pharmacy at Bombay College of Pharmacy, University of Mumbai, Maharashtra, India with First class (2009).
- Qualified GATE with a score of 411 (Organising body: IIT, Kharagpur, India).
- Bachelor of Pharmacy from NDMVP College of Pharmacy, University of Pune, with First class (2006).
- Diploma of Pharmacy from SGRS College of Pharmacy, Saswad, Pune, University of Pune, 2003, with Distinction (2003).
- HSC; University of Pune (2001) and SSC; University of Pune (1999).

CORE COMPETENCY AREAS:

- Synthesis, purification organic compounds and its characterization by analytical and spectrometric methods like IR, MS, ¹H NMR.
- Bioanalytical and analytical study.

PROJECT WORK:

- Ph.D. dissertation work:
Guide: Dr. S. S. Chitlange,
Principal, Dr. D.Y. Patil IPSR, Pimpri, Pune.
Title: Synthesis and Biological Evaluation of Some Benzothiazole Derivatives
- M. Pharm dissertation work:
Guide: Krishna Iyer,
Bombay College of Pharmacy, Mumbai.
Title: Development of an assay for drug metabolism studies

RESEARCH GRANTS RECEIVED:

1. Development and validation of stability indicating assay methods for drug substance and product
Duration of project: 2014-2016
Sponsored by UGC, New Delhi
Funding Amount: 320000.00
2. Development and validation of RP-HPLC method for the determination of Telmisartan in human plasma
Duration of project: 2014-2016
Sponsored by Board of College & University Development (BCUD), Savitribai Phule Pune University (SPPU), Pune.
Funding Amount: 120000.00

BOOK AUTHORED:

1. Dr. Ritesh P. Bhole, Dr. Promod L. Ingale, Mr. Yogesh B. Zambare, Mr. Amit S. Tapkir, "Practical handbook of Pharmaceutical Organic Chemistry-IV" published by Success publication Pune, first edition, ISBN No. : 978-93-24457-09-5. (2017-18)
2. Dr. Ritesh P. Bhole, Dr. Promod L. Ingale, Mr. Yogesh B. Zambare, Mr. Amit S. Tapkir, "Practical handbook of Pharmaceutical Organic Chemistry-III" published by Success publication Pune, first edition, ISBN No. : 978-93-24457-09-4. (2017-18)

PUBLICATIONS

INTERNATIONAL

1. Amit S. Tapkir, Sohan S. Chitlange, Ritesh P. Bhole, "Discovery of Thiazole Based Bis Heterocyclic System for Anti-Inflammatory Potential, Anti-inflammatory Antiallergic agents in medicinal chemistry, 16(3): 2018, 175 – 192.
2. Amit S. Tapkir, Sohan S. Chitlange, Ritesh P. Bhole, "Dataset of 2-(2-(4-aryloxybenzylidene)hydrazinyl) benzothiazole derivatives for QSAR of antitubercular agents, Data in Brief 14, 2017, 469–473.
3. Amit Suryakant Tapkir, Bhimashankar Haridas Surwase, Shailaja Bhanudas Jadhav and Pravin Digambar Chaudhari Development and validation of RP-HPLC method for simultaneous estimation of telmisartan and clorthalidone in bulk and tablet dosage form, Der Pharmacia Lettre, 2013, 5 (1):149-154.
4. Amit Suryakant Tapkir, Shital Magardhwaj Biradar, Swapnil Arjun Hajare and Pravin Digambar Chaudhari, Development and Validation of Stability Indicating Assay Methods (SIAMs) for Citalopram HBr by Using UV-Visible Spectrophotometer and RP-HPLC, Der Pharmacia Lettre, 2016, 8 (3):7-18

NATIONAL

5. Tapkir Amit Suryakant, Mithbavkar Jay Rajaram, Gaur Ashwani, Chaudhary Pravin, Biomarker Quantification: Development of Fit for purpose LC-MS/MS Method for Determination of Methyl guanidine in Mice Urine, Indian Journal of Pharmaceutical Education and Research Vol 52 Issue 4 2018, 676-683.
6. Amit Suryakant Tapkir, Sagar Shrikantrao Deshmukh, Praveen Chaudhari, Identification of aldehyde oxidase as an enzyme in metabolism of zoniporide, International journal of chemical and pharmaceutical analysis, 5, 2017, 1-10.
7. Amit Suryakant Tapkir, Zeba Mukhtar Aalam Farash, Praveen Chaudhari, Development and validation of RP-HPLC method for determination of piceatannol from cyprus rotundus linn (nagarmotha) extract, International Journal of chemical and pharmaceutical analysis 4, 4, 2017, 1-10.
8. Amit S. Tapkir, Shital M. Biradar and Pravin D. Chaudhari, Development and validation of stability indicating HPTLC assay method for estimation of sitagliptin phosphate, International Journal of Pharmaceutical Sciences and Research, 2017; Vol. 8(10): 4454-4460.
9. Amit S Tapkir, Aniruddha J Palande, Shailaja B Jadhav, Pravin D Chaudhari, Bhimashankar H Survase and Pundlik M. Rachamalel, Development and Validation of

Stability Indicating Assay Method of Etodolac by using UV-Visible Spectrophotometer, international journal of pharmaceutical and chemical sciences, Vol. 2 (2) Apr-Jun 2013, 678-685.

10. Amit S. Tapkir, Bhimashankar H. Surwase, Shailaja B. Jadhav, Pravin D. Choudhari and Pundlik M. Rachmale, Development and Validation of A Stability Indicating Assay Method of Lornoxicam By Using UV-Visible Spectrophotometer, international journal of pharmaceutical and chemical sciences, Vol. 2 (1) Jan-Mar 2013
11. A S Tapkir, R D Khose, A V Jaydeokar, S M Chaudhari, K H Bibave, A G Purohit, P D Chaudhari, Role of Docosaheptaenoic Acid (DHA) on Development of Different Organs, Inventi Rapid: Molecular Pharmacology Vol. 2012, Issue 3, 1-5

PRESENTATIONS:

PRESENTING AUTHOR

1. Development and validation of RP-HPLC method for the determination of telmisartan in human plasma, INNOVATION -2016 regional research conference, Board of College & University Development (BCUD), Savitribai Phule Pune University, Pune, on 29th -30th June 2015.
2. Synthesis and Biological Evaluation of Some Benzothiazole Derivatives, AVISKAR 2015 Zonal Level Research Project Competition, Board of College & University Development (BCUD), Savitribai Phule Pune University, Pune on 14th oct. 2015
3. Adverse drug reaction, national pharmacy week 2015, the Indian Pharmaceutical Association(IPA-Pune), Pune branch, on 12th-17th Oct. 2015
4. Development and validation of RP-HPLC method for the determination of telmisartan in human plasma, INNOVATION -2016 regional research conference, Board of College & University Development (BCUD), Savitribai Phule Pune University, Pune, on 27 sept. 2016.

COAUTHOR

5. Improving medication safety in blind and illiterate peoples, AVISKAR 2016 University Level Research Project Competition, Board of College & University Development (BCUD), Savitribai Phule Pune University, Pune on 10-11th Jan. 2017.
6. Miss medication in illiterate and physically challenged people may be a root cause of death, AVISKAR 2016 zonal Level Research Project Competition, Board of College & University Development (BCUD), Savitribai Phule Pune University, Pune on 16 Oct. 2016

7. Phenotyping for CYP2A6, CYP2C9, CYP2D6, CYP2E1, FMO, and N-acetyltransferase activities in a sample Mumbai population, Second International symposia on drug metabolism and Pharmacokinetics (DMPK), National Institute of Pharmaceutical Education And Research, (NIPER) Mohali. 2010.
8. Phenotyping of a western India population for the CYP2A6 metabolizer status using coumarin as probe drug, 60th IPC New Delhi, 2008
9. Evaluation of the activity of CYP2A6 in normal, healthy, adult western Indian population by phenotyping, Second international conference on Drug discovery and development – South Asian perspective, Mumbai 2008.
10. Development and validation of stability indicating assay method for azelastine HCl and ciclesonide by RP-HPLC, SPPU Sponsored international Conference on multidisciplinary healthcare research: challenges, opportunities and directions, organized by PES, Modern college of Pharmacy, nigdi, Pune, 4th and 5th January 2019.

CERTIFICATION PROGRAM

1. Principles and Applications of NMR Spectroscopy, NPTEL course (National Programme on Technology Enhanced Learning)
Institute: Indian Institute of Science (IISc), Bangalore, India
2. Outcome Based Pedagogic Principles for Effective Teaching, NPTEL course (National Programme on Technology Enhanced Learning)
Institute: Indian institute of Technology (IIT), Kharagpur, India
3. NSS orientation course, Government of India, Ministry of youth affairs and sports, new Delhi sponsored national level Empanelled training institute NSS orientation course
Institute: Ahmednagar College, Ahmednagar, Maharashtra, India.

WORK EXPERIENCE

- Synthesis, purification organic compounds and its characterization by analytical and spectrometric methods like IR, MS, ¹H NMR.
- Experience in phenotypings studies.
- RS and SIAMs
- Development of organic synthetic strategy for medicinal agents.
- Exposed to various separation techniques like extraction, isolation, and purification of synthesized compounds by chromatography.
- Experience in structure interpretation using modern analytical techniques of NMR, IR spectrometer, UV-Vis spectrophotometer for analysis.

TECHNICAL SKILLS

- Experience in use of HPLC, HPTLC, UV-Vis spectrophotometer.
- Chem Draw software, Chem Sketch software, Graph pad prism,

M. PHARM STUDENTS PROJECT DETAILS:

1. Mr. Pranav Dipak Amale, Development of Methods for Stability Indicating Assay of Some of the Drugs, 2010-11
2. Mr. Bhimashankar H. Surwase, Analytical, stability and bioanalytical study of telmisartan and clorthalidone, 2012-13
3. Dipti Waydande, analytical study of some drugs by using different spectroscopy, 2013-14
4. Mr. Swapnil Arjun Hajare, Development and validation of analytical, bioanalytical and stability indicating assay methods for antidepressant drug, 2014-15
5. Shital Birader, Development and validation of intrinsic stability indicating assay methods for the determination of dpp-4 inhibitor in bulk and dosage form, 2015-16
6. Ms. Purnima Janardhan Ganjage, Design, Development and Standardization of Single Herb Formulation of Terminalia bellirica Extract, 2016-17
7. Ms. Zeba Mukhtar Aalam Farash, Identification, isolation, purification, standardization of picetannol from cyperus rotundus and its characterization by HPLC method, 2016-17.
8. Mr. Jay Rajaram Mithbavkar. Biomarker quantification: development of fit for purpose LC-MS/MS method for determination of methyl guanidine in mice urine, 2016-17.
9. Mr. Sagar Deshmukh, Inhibition study of enzyme aldehyde oxidase by chemical inhibitor- a drug discovery prospective, 2016-17.
10. Ms. Suraksha B. Salve, Design, Development and Standardization of Single Herb Formulation of aegle marmelos extract, 2017-18.
11. Ms. Megha P. Pandit, Development and validation of stability indicating assay method for azelastine HCl and ciclesonide, 2017-18.
12. Ms. Snehal Kumbhar, Analytical method development and validation for stability indicating assay, preservative content for stiripentol oral suspension, 2018-19. (pursuing)
13. Ms. Sayali Damgude, Analytical method development for multi herbal formulation, 2018-19 (pursuing)

SEMINARS / WORKSHOPS / CONFERENCES ORGANIZED:

1. Two Days seminar on Advances in Chromatography: A Practical Approach, organized by PES, Modern College of Pharmacy, Nigdi, Pune, 10-11th February 2012.
2. Savitribai Phule Pune University Sponsored one day university level Seminar on, swach bharat abhiyan and participation of youth for shaping the future of India, organized by PES, Modern College of Pharmacy, Nigdi, Pune on 4th March 2015.

3. Savitribai phule pune university sponsored two days state level seminar on “current aspects in chemical synthesis and spectral data interpretation” organized by PES, Modern College of Pharmacy, Nigdi, Pune on 5th & 6th February 2016.
4. One day state level seminar on “Current Advances and Applications of Pharmaceutical Analytical Techniques” organized by PES, Modern college of Pharmacy, Nigdi, Pune 44, on 13th January 2018.
5. State level NSS Workshop ‘Saksham Yuva Samarth Bharat Abhiyan’ Organized by NSS SPPU The Shree Chhatrapati Shivaji Sports Complex, Balewadi, Mahalunge, Pune on 23 and 24 Feb 2019.

SEMINARS / WORKSHOPS / CONFERENCES ATTENDED:

1. 58th Indian Pharmaceutical Congress, Bombay exhibition center, Goregaon, Mumbai. December 2006.
2. One Day seminar on Effective Implementation of Curriculum, organized by STE Societys, Smt. Kashibai Navale College Pharmacy, kondhawa (BK.) Pune, 10th October 2009.
3. One Day seminar on Structure Based Drug Design, organized by Sinhgad College of Pharmacy, Vadgoan, Pune, 8th December 2009.
4. One Day seminar on Chronopharmacology, organized by STE Societys, Smt. Kashibai Navle College Pharmacy, kondhawa (BK.) Pune, 15th January 2010.
5. Two Days seminar on Current Trend In Novel Drug Delivery Research, organized by PES, Modern College of Pharmacy, Nigdi, Pune, 23-24th January 2010.
6. Two Days seminar on Resent Trends In Pharmaceutical Technology, organized by PES, Modern College of Pharmacy(Ladies), Moshi, Pune, 5th and 6th February 2010.
7. International level conference on Second International Symposia on Drug Metabolism And Pharmacokinetics (DMPK), organized by National Institute Of Pharmaceutical Education And Research (NIPER), Mohali, SAS nagar Punjab, India from 27 to 28th February 2010.
8. Faculty Development Program organized by Icfai University, at pune on 28th August 2010.
9. One Day seminar on Clinical Research : A New Avenue For Pharmacists organized by PES, Modern College of Pharmacy, Nigdi, Pune on 4th September 2010.
10. One Day seminar on Nanotechnology : A New Prospective In NDDS organized by PES, Modern College of Pharmacy, Nigdi, Pune on 9th October 2010

11. University of Pune sponsored seminar on “Pharmaceutical Research, Regulation, Practice and More”, a 2 days national level seminar organized by Modern College of Pharmacy. 28th and 29th January 2012
12. Two Days seminar on Advances in Chromatography: A Practical Approach, organized by PES, Modern College of Pharmacy, Nigdi, Pune, 10-11th February 2012
13. One Day seminar on HPTLC Instrumentation and Application organized by Padmashree Dr. D. Y. Patil Institute of Pharmaceutical Sciences and research, Pimpri, Pune on 23 February 2012.
14. University of Pune sponsored workshop on annual planning of program officers, 1 day university level workshop organized by NSS department of pune University, 7th August 2012
15. University of Pune sponsored workshop on “Value Education” organized by NSS department of PES, Modern college of Pharmacy , Nigdi, Pune 44, 7th February 2013
16. AICTE sponsored 3 days national level workshop organized by M. V. P. Samaj’s College of Pharmacy, Nasik. 25th -27th Feb 2013
17. AICTE Sponsored Two Days National Level Seminar on “Advanced Drug Design and Development: A Medicinal Chemistry Approach” at Pad. Dr. D.Y. Patil Institute of Pharmaceutical Science & Research, Pimpri, on 27th & 28th September, 2013
18. One Days state level workshop on “Flash chromatography” organized by Bharati vidyapeeth deemed university Poona College of pharmacy on 25th october, 2013.
19. Disaster Management, one day workshop organized by PES, Modern College of Pharmacy, Nigdi, Pune 411044, 10th December 2013.
20. University of Pune Sponsored University Level Workshop on “A Role of Value Based Education and Participation of Youth in Shaping the Future of India” organized by Modern College of Pharmacy, Nigdi, Pune on 27th December 2013.
21. PES, Modern College of Pharmacy, Nigdi, Pune Sponsored College Level One Day Interactive Training Program on The 5 'S' Processes: Seiri, Seiton, Seiso, Seiketsu, Shitsuke on 25th April 2014
22. Savitribai Phule Pune University Sponsored National Seminar on “Current aspects of technology transfer and QbD (Quality by Design) in pharmaceutical Research” organized by Modern College of Pharmacy, Nigdi, Pune on 10th, 11th and 12th October 2014.
23. Savitribai Phule Pune University Sponsored state level Seminar on, current avenues in pharmacological research, organized by Modern College of Pharmacy, Nigdi, Pune on 16th and 17th January 2015.
24. Savitribai Phule Pune University Sponsored university level Seminar on Swach Bharat abhiyan and participation of youth for shaping the future of india, on 4th march 2015.

25. Savitribai phule pune university sponsored two days state level seminar on “advanced techniques of pharmaceutical analysis” organized by SGRS college of pharmacy, Saswad, Pune, on 8th & 9th january 2016.
26. Opportunities in Natural Product Formulation Research, P .E. Society’s, Modern College of Pharmacy, Nigdi, Pune-411044, 12th & 13th February 2016
27. INNOVATION-2016, MM college of Pharmacy, Pune 33, 27th September 2016
28. NSS programme officers Annual Planning, S P College Pune, 26th November 2016
29. Recent Advances in Management of Diabetes, P .E. Society’s, Modern College of Pharmacy, Nigdi, Pune-411044, 2nd and 3rd December 2016
30. Teaching learning Methodologies, P .E. Society’s, Modern College of Pharmacy, Nigdi, Pune-411044. 27th March 2017
31. Water Resources Management, NWA, Kadakwasla, Pune, on 31st July to 1st August 2017.
32. 127th orientation course for programme officers of national service scheme, Ahmednagar College, ahemadnagar, sponcered by govt. of India, ministry of youth affairs and sports, New Delhi. 3rd to 9th October 2017.
33. NSS programme officers Annual Planning, environment hall, SPPU, 24th August 2017.
34. One day state level seminar on “Current Advances and Applications of Pharmaceutical Analytical Techniques” organized PES, Modern college of Pharmacy , Nigdi, Pune 44, on 13 January 2018
35. One day state level seminar on “Novel Approaches in Natural Products Research” organized PES, Modern college of Pharmacy, Nigdi, Pune 44, on 20 January 2018.
36. Two days national level seminar on “Pharmaceutical Innovation and Intellectual Property Rights” PES, Modern college of Pharmacy, Nigdi, Pune 44, on 2 & 3 February 2018.
37. Central audit pre panning one day workshop, S P College, Pune, 9th march 2018.

INDUSTRIAL TRAINING:

- Completed three month training at R & D unit of “Nicholas Piramal Research Center”, Goregaon, Mumbai.
- Completed one month in plant training at “Neo Vision Pharmaceuticals, Nasik ” as a part of B. Pharm curriculum.

COMPUTER PROFICIENCY:

- Windows, MS-office, Power Point, Chem Draw software, ChemSketch software, Graph pad prism, preparation of research reports and manuscripts.
- Retrieving scientific data from online databases like Science Direct, Pub-Med.

PROFESSIONAL AFFILIATIONS:

- Life Member of APTI (Association of Pharmaceutical Teachers of India),
Member ID: MA/LM-1939
- Registered Member: Maharashtra State Pharmacy Council,
Registration No. 69034

REFERENCES:

Dr. Sohan S. Chitlange

Principal

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Sciences & Research,
Pimpri, Pune – 411018,
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The above information is true with the best of my knowledge and belief.

Dr. Amit Suryakant Tapkir