Dr. Maulikkumar D. Vaja, MRSC

Associate Professor,
Saraswati Institute of Pharmaceutical Sciences,
Dhanap, Gandhinagar, Gujarat, India-382355
Email: maulikvajaniper@gmail.com, maulikvaja@yahoo.co.in
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***Expertise*:** Medicinal Chemistry (Synthesis and *in vitro* enzyme Assay), structure elucidation using spectroscopic methods, Microwave assisted synthesis, Molecular modeling, Development and validation of chromatographic methods, API synthesis, Regulatory affairs.

Academic experience

- **Associate Professor** at Saraswati Institute of Pharmaceutical Sciences, Dhanap, Gandhinagar, Gujarat-382355 (Affiliated to Gujarat Technological University and AICTE) (**Dec 2020- till**).
- **Assistant Professor** at Saraswati Institute of Pharmaceutical Sciences, Dhanap, Gandhinagar, Gujarat-382355 (Affiliated to Gujarat Technological University and AICTE) (**May 2019-Dec-2020**).

Industrial experience

- **Research and Development Scientist** at IOL Chemicals and Pharmaceuticals, Dhaula, Barnala, Punjab-148107 (**May 2018- May 2019**).

I have experience in designing of new synthetic route for APIs, Impurities and Intermediates and synthesis through designed route.

Academic Details

- **Post Graduate Diploma in Regulatory Affairs (PGDRA) (2020-2021)** with distinction (**80%**) from (Gujarat University), India.

- **Ph. D.** Organic-Medicinal Chemistry **(July 2014- 2018)** with 8.17/10 GPA.

Dissertation: "**Design, synthesis and biological evaluation of new oxazolidinone derivatives as potential anti-tubercular agents".**
Supervisor: Prof. Asit K. Chakraborti, Department of Medicinal Chemistry, NIPER, Mohali. (https://akcresearchgroup.weebly.com/).

- **M. S. (Pharm.)** Medicinal Chemistry **(July 2012- June 2014)** with 8.72 GPA/10 point

Dissertation**: "Design and synthesis of novel B/C ring fused oxazolidinones as potential anti-TB agents.** "
Supervisor: Prof. Asit K. Chakraborti. Department of Medicinal Chemistry, NIPER, Mohali.

- **B. Pharm. Pharmaceutical Sciences (2008 – 2012)** with First Class (Aggregate B. Pharm CGPA: **7.69**) from (Gujarat Technological University), India (http://www.gtu.ac.in/).

- **H.S.C. (equivalent to 10+2)** with honour First Class (**74**%)
- **S.S.C. (equivalent to 10)** with honour First Class (**87**%)

- Qualified national level exams: **GATE-2014, GPAT-2012, NIPER-JEE**

Research Grant Received

1. Awarded **SSIP 2.0 (Student Startup and Innovation Policy) Grant 2022-23** from SSIP Cell, L. M. College of Pharmacy, Gujarat, India (INR 75000). **Topic: Preparation of sugar-free products at low price from Stevia plant.** (24/03/2023)

2. Awarded **SSIP (Student Startup and Innovation Policy) Grant 2020-21** from SSIP Cell, L. M. College of Pharmacy, Gujarat, India (INR 35000). **Topic: Preparation of sugar-free products at low price from Stevia plant.** (17/03/2021)
3. Awarded **SSIP (Student Startup and Innovation Policy) Grant 2020-21**from SSIP Cell, L. M. College of Pharmacy, Gujarat, India (INR 100000). **Topic: Synthesis of key intermediate of anti-gout drug using new route**. (09/10/2020)

Travel Grant Awarded

1. Awarded **DST-SERB International Travel Award** to attend **ACS Spring 2022**, San Diego, California, USA from 20th March, 2022 to 24th March, 2022 for the acceptance of the paper entitled "Green Chemistry: A Stratagem for Hazardous Chemicals in Pharmaceutical Industries."

Fellowship/Scholarship Received

1. Awarded **Senior Research Fellowship (July, 2016 – April, 2018)** by University Grants Commission (UGC) under Rajiv Gandhi National Fellowship (RGNF) Scheme.
2. Awarded **Junior Research Fellowship (July, 2014 – July, 2016)** by University Grants Commission (UGC) under Rajiv Gandhi National Fellowship (RGNF) Scheme.
3. Awarded **NIPER fellowship** during M. S. (Pharm.) study. (**July 2012- 2014**) by ministry of Chemicals and Fertilizers, Government of India. National Institute of Pharmaceutical Education and Research.

Academic Accolade

- Qualified Graduate Aptitude Test in Engineering-2014 (**GATE–2014** category: Chemical Sciences) conducted by **IIT, Kharagpur.**
- NIPER entrance Test for MS (2012) and PhD (2014).
- Qualified Graduate Aptitude Test of Pharmacy (**GPAT–2012** category: Pharmaceutical Sciences) conducted by **M.S. University of Baroda, Vadodara, Govt. of India.**

Other Achievements

1. Completed online course **ACS Reviewer Lab** on 18th July, 2022.
2. Completed course on **Study of Vedas** with **A Grade** and **4 Credits** conducted by Gujarat Technological University in association with Bhishma School of Indic Studies during Oct-Dec, 2021.
3. Ms. Mausam Patel and Ms. Honey Shah Secured **Second Rank** in Increpharm entitled "**Preparation of Rasayan Cookies from Herbal Immuno-modulating Drugs"** under the guidance of **Dr. Maulik D. Vaja** in 10thPharmaVision 2021 organized by ABVP on the Theme of - "Serve Society, Serve Nation" at Faculty of Pharmacy, SRI Campus, Vadasma, Gujarat on 29th and 30th December 2021.
4. Mr. Saiful Khan and Mr. Om Dixit Secured **Second Rank** in Model Presentation entitled "**Column Chromatography"** under the guidance of **Dr. Maulik D. Vaja** in 10thPharmaVision 2021 organized by ABVP on the Theme of - "Serve Society, Serve Nation" at Faculty of Pharmacy, SRI Campus, Vadasma, Gujarat on 29th and 30th December 2021.
5. Ms. PratikshaPatil, Ms. Sneha Joshi and Mr. YashGosai Secured **Second Rank** in Poster Presentation (Pharmacology) entitled "**Proton Beam Therapy for Cancer in the Era of Precision Medicine"** under the guidance of **Dr. Maulik D. Vaja** in 10thPharmaVision 2021 organized by ABVP on the Theme of - "Serve Society, Serve Nation" at Faculty of Pharmacy, SRI Campus, Vadasma, Gujarat on 29th and 30th December 2021.
6. **Most interactive individual** award in weekly seminar organized by Department of Medicinal Chemistry, NIPER, S.A.S. Nagar in 2013.
7. **Academic Excellence Award** for 100% attendance and sincerity during my B. Pharm from Saraswati Institute of Pharmaceutical Sciences, Dhanap, Gandhinagar in year 2011-12.
8. **Gold Medal** for my philanthropic and sincere effort in **Nationwide Cancer Control Program** organized by Society for Cancer Awareness & Redemption (SCAR) in Year 2004.

Memberships

- Member of Royal Society of Chemistry (MRSC)–2020 to till
- Associate Member of Royal Society of Chemistry (AMRSC) – 2014 to 2020
- Member of American Chemical Society (ACS) – 2014 to till
- Life Member of Association of Pharmaceutical Teachers of India (APTI) – 2019 - till
- Member of Association of Pharmacy Professionals (APP) – 2020 to till

Publications (8) (Total citations: 175, h-index: 4, i10-index: 4)

1) **Maulikkumar D. Vaja**, Ruchita R. Patel, Bhoomi D. Patel and Ankit B. Chaudhary. Development and Validation of RP-HPLC Method for Estimation of Lurasidone and its impurities Lurasidone 1 and Lurasidone 8. *Res. J. Pharm. Tech.* **2022**, *15*, 4999-5004.
2) Tinkal R. Patel, Kaushik R. Kamani, Sanjeshkumar G. Rathi, Sohansinh S. Vaghela and **Maulikkumar D. Vaja**. Development and Validation of Spectrophotometric Method for Enzalutamide in Standard and Dosage Form by First Derivative Spectrophotometric Method. *Int. J. Biol. Pharm. Allied Sci.* **2022**, *11*, 2299-2306.
3) Heenaben A. Chokshi, Vaibhav Arvindbhai Joshi, Gaurang B Shah, **Maulikkumar D. Vaja**, Payal M. Vaghela and Sneha P. Dave. To investigate the prevalence and incidence of anaemia and its comorbidities in the Gandhinagar population. *J. Pharm. Negat. Results* **2022**, *13*, 2128-2139.
4) Sanjeshkumar G. Rathi, Jaykumar G. Chaudhari, Sohansinh S. Vaghela, Kaushik R. Kamani, and **Maulikkumar D. Vaja**. Formulation and Evaluation of Floating Tablets of Tofacitinib Citrate. *Int. J. Pharm. Sci. Rev. Res.* **2021**, *69*, 170-177.
5) Sohansinh S. Vaghela, Sanjeshkumar G. Rathi, Sejal A. Zala, **Maulikkumar D. Vaja**. Formulation and Evaluation of Spherical Crystal Agglomerates of Lurasidone Hydrochloride. *Res. J. Pharm. Tech.* **2021**, *14*, 1238-1246.
6) Pradeep S. Jadhavar, Kshitij I. Patel, Tejas M. Dhameliya, Nirjhar Saha, **Maulikkumar D. Vaja**, Vagolu Siva Krishna, Dharmarajan Sriram and Asit K Chakraborti. Benzimidazoquinazolines as New Potent Anti-TB Chemotypes: Design, Synthesis, and Biological Evaluation. *Bioorg. Chem.* **2020**, *99*, https://doi.org/10.1016/j.bioorg.2020.103774. (**IF - 5.307**)
7) Pradeep S. Jadhavar, **Maulikkumar D. Vaja**, Tejas M. Dhameliya, Dinesh Kumar, Jonnalagadda P. Sridevi, Perumal Yogeeswari, Dharmarajan Sriram and Asit K. Chakraborti. Synthesis, Biological Evaluation and Structure-Activity Relationship of 2-Styrylquinazolones as Anti-tubercular Agents. *Bioorg. Med. Chem. Lett.*. **2016**, *26*, 2663-2669. (**IF- 2.940**)
8) Babita Tanwar, Dinesh Kumar, Asim Kumar, Md. Imam Ansari, Mohammad Mohsin Qadri, **Maulikkumar D. Vaja**, Madhulika Singh and Asit K. Chakraborti. Friedländer annulation: scope and limitations of metal salt Lewis acid catalysts in selectivity control for the synthesis of functionalized quinolines. *New J. Chem.* **2015**, *39*, 9824-9833. (**IF-3.925**)

Review (3)

1) **Maulikkumar D. Vaja**, Bhoomi D. Patel, Krina A. Patel and Ankit B. Chaudhary. A Review on process validation of solid dosage form. *J. Drug Deliv.Ther.* **2021**, *11*,157-160.
2) **Maulikkumar D. Vaja**, Rajdeep G. Makwana, Kuldeep V. Desai and Vaibhav Kikani. Regulatory advances and prospects of variation filing for the registered parenteral products in USA and Europe. *Int. J. Drug Regul. Aff.* **2021**, *9*, 52-65.
3) Pradeep S. Jadhavar, **Maulikkumar D. Vaja**, Tejas M. Dhameliya and Asit K. Chakraborti. Oxazolidinones as Anti-tubercular Agents: Discovery, Development and Future Perspectives. *Curr. Med. Chem.* **2015**, *22*, 4379-4397. (**IF- 4.740**)

Patent (4) (Granted – 3, Published – 1)

1) **Title:** Portable Multilayer Tablet Punching Machine. **UK Design Patent**, **Grant number: 6288109**. Registration Date: 06/06/2023. Grant Date: 15/06/2023.

2) **Title:** A Novel IoT based in-house Hydroponic System for Medicinal *Tanacetun Parthenium*. **German Patent**, **Grant number: 20 2023 102 130**. Filing Date: 22/04/2023. Grant Date: 02/05/2023.

3) **Title:** A Novel Sustainable Water Purification Portable Device with TDS Measuring Display and Controller. Republic of **South Africa** Patent, **Grant number: 2022/09510**, Grant Date: 30/11/2022.

4) **Title:** A Novel Sustainable Water Purification Portable Device with TDS Measuring Display and Controller. Indian Patent, **Application number: 202221036721 A**, Publication Date: 15/07/2022.

Book (10)

1) Charmy D. Pandya, **Maulikkumar D. Vaja**, Ankit B. Chaudhary, Sanjeshkumar G. Rathi. Inorganic Chemistry Practical Book, Edition 1, August-**2022**, Sathya Publisher, Tamil Nadu, India.

2) Mahendra Singh,**Maulikkumar D. Vaja**, Sanjeshkumar G. Rathi, Rupinder Kaur Sodhi, Ravikumar R. Thakar. New Concepts in Clinical Pharmacy, Edition 1, April-**2022**, S. Vikas& Co. (Medical Publisher), Jalandher, Punjab, India. ISBN – 978-15-43346-18-3.

3) **Maulikkumar D. Vaja**, Ankit B. Chaudhari, Bhoomi D. Patel. Instrumental Methods of Analysis – A Practical Book, B. Pharm. Semester-VII, Edition 1, December-**2021**, Unnati Publications, Modinagar, Uttar Pradesh, India. ISBN – 978-93-84875-81-7.

4) Mahendra Singh,**Maulikkumar D. Vaja**, Sanjeshkumar G. Rathi, Asim Kumar, Anjoo Kamboj. Quality Assurance, Edition 1, November-**2021**, Sathya Publisher, Tamil Nadu, India.

5) SohansinhVaghela, Sanjeshkumar G. Rathi, **Maulikkumar D. Vaja**, Kaushik R. Kamani. Pharmaceutics, Edition 1, July-**2021**, Sathya Publisher, Tamil Nadu, India.

6) Sanjeshkumar G. Rathi, **Maulikkumar D. Vaja**, SohansinhVaghela, Dipal M. Patel. Novel Drug Delivery System (NDDS), Edition 1, December-**2020**, Sathya Publisher, Tamil Nadu, India. ISBN – 978-81-951179-4-9.

7) Bhoomi D. Patel, Ankit B. Chaudhari, **Maulikkumar D. Vaja**, Ami D. Patel. Lab Manual of Pharmaceutical Quality Assurance-II, M. Pharm. Semester-II, Edition 1, July-**2020**,S. Vikas& Co. (Medical Publisher), Jalandher, Punjab, India. ISBN – 978-15-43344-26-4.

8) Asim K. Mishra, **Maulikkumar D. Vaja**. Pharmaceutical Organic Chemistry-I, B. Pharm. Semester-II, Edition 1, July-**2020**, Doonville Publishers Private Limited, New Delhi, India. ISBN – 978-81-94570-15-8.

9) **Maulikkumar D. Vaja**, Asim K. Mishra, Ankit B. Chaudhari, Charmy D. Pandya, Sanjeshkumar G. Rathi. The Laboratory Manual of Medicinal Chemistry-III, B. Pharm. Semester-VI, Edition 1, March-**2020**, Doonville Publishers Private Limited, New Delhi, India. ISBN – 978-81-94570-10-3.

10) Sanjeshkumar G. Rathi, **Maulikkumar D. Vaja**, SohansinhVaghela, Ankit B. Chaudhari. Concise course in Pharmaceutical Microbiology, B. Pharm. Semester-VI, Edition 1, January-**2020**,S. Vikas& Co. (Medical Publisher), Jalandher, Punjab, India. ISBN –978-15-43343-89-2.

Invited/Guest Lectures (3)

1. I have delivered an invited oral presentation on the topic of "**In Search of New Molecules for the Treatment of Tuberculosis using Molecular Docking Toll**" on 20-21 Feb, 2023 at the 2nd International Conference on Healthcare Summit, Goa, India.

2. I have delivered an Expert talk on the topic of "**Effortless Pharmaceutical Chemistry: Success Stairs for GPAT 2023**" on 1st Dec, 2022 at Anand Pharmacy College, Anand, Gujarat.

3. I have delivered e-Expert talk on the topic of "**Magic of Green Chemistry**" on 3rd Jun, 2020 at Arihant School of Pharmacy & Bio-Research Institute, Adalaj, Ahmedabad, Gujarat.

PhD Research Supervision (1)

1. Title: Green Synthesis and Biological Evaluation of quinazolinones as anti-tubercular agents. Ms. Taruna Grover, Department of Chemistry, Lovely Professional University, Phagwara, Punjab, India. (Prov. Regd. No. 42100361), Pursuing. (Co-Guide)

M. Pharm. Research Supervision (4)

1. Title: Stability indicating RP-HPLC Method Development and Validation for Simultaneous Estimation of AzilsartanMedoxomiland Cilnidipinein Combined Tablet Dosage Form. Ms. Rajput Jagruti Ahivaransinh (Enrollment No. 202420824006), May, **2022**.
2. Title: Development and Validation of Stability indicating Analytical Method for Estimation of Brexpiprazole and Characterization of Some Degradant Impurities using LC-MS/MS. Mr. Bhatt Dhruvil Keyur (Enrollment No. 202420824007), May, **2022**.
3. Title: Concurrent Process Validation of Levonorgestrel Tablet BP 0.03mg. Ms. KrinaAlpeshkumar Patel (Enrollment No. 192420824004), June, **2021**
4. Title: Development and Validation of RP-HPLC Method for Estimation of Lurasidone and its Impurities Lurasidone 1 and Lurasidone 8. Ms. Ruchita Rajubhai Patel (Enrollment No. 182420824005), June, **2020**.

B. Pharm. Research/Review Supervision (17)

1. Title: Preparation of sugar-free products at low price from stevia plant. Mr. Patel Jimitkumar N. (Enrollment No. 172420290032), May, 2023.
2. Title: Preparation of sugar-free products at low price from stevia plant. Mr. Ramani Parth C. (Enrollment No. 192420290040), May, 2023.
3. Title: Synthesis of key intermediate of allopurinol using new route. Mr. Soni Akhil M. (Enrollment No. 182420290041), Apr, **2022**.
4. Title: Synthesis of key intermediate of allopurinol using new route. Mr. Verma Atul R. (Enrollment No. 182420290043), Apr, **2022**.
5. Title: Epidemiological survey and prescription audit of antifungal drugsat Ahmedabad region. Mr. Hirpara Tarun H. (Enrollment No. 182420290011), Nov, **2021**.
6. Title: Prescription pattern of antibiotic drugs. Mr. Jain Rishabh N. (Enrollment No. 182420290012), Nov, **2021**.
7. Title: Review on microwave-assisted organic synthesis. Mr. Nitesh Soni (Enrollment No. 182420290017), Nov, **2021**.
8. Title: Review on pharmaceutical co-crystals. Ms. Panwar Minu V. (Enrollment No. 182420290018), Nov, **2021**.
9. Title: A review on polypharmacology. Mr. Parmar Kishan (Enrollment No. 182420290019), Nov, **2021**.
10. Title: Prescription pattern of cephalosporin drugs. Mr. Patel Akshet P. (Enrollment No. 182420290020), Nov, **2021**.
11. Title: Privileged structures applications in medicinal chemistry. Mr. Patel Dhruv B. (Enrollment No. 182420290023), Nov, **2021**.
12. Title: A review on prodrugs. Ms. Patel Happy R. (Enrollment No. 182420290025), Nov, **2021**.
13. Title: Prescription pattern of combination drugs for diabetes treatment. Mr. Patel Keyur R.(Enrollment No. 182420290027), Nov, **2021**.
14. Title: Regulatory advances and prospects of variation filing for the registered parenteral products in USA and Europe. Mr. Rajdeep G. Makwana (Enrollment No. 162420290020), May, **2021**.
15. Title: Regulatory advances and prospects of variation filing for the registered parenteral products in USA and Europe. Mr. Kuldip V. Desai (Enrollment No. 162420290009), May, **2021**.
16. Title: Comparison of bioequivalence study for ANDA filing in USA, Europe and India. Ms. Kanchan M. Lohana (Enrollment No. 172420290014), May, **2021**.
17. Title: Comparison of bioequivalence study for ANDA filing in USA, Europe and India. Ms. Hetvi A. Patel (Enrollment No. 172420290028), May, **2021**.

Editorial Board Member

1. Appointed as Editorial Board Member of International Journal of Pharmacy and Chemistry (IJPC), Science Publishing Group, New York, NY 10020, USA from 2023 to 2025. (ISSN Print: 2575-5730, ISSN Online: 2575-5749)

Awards

1. I received **Young Talent Award** for his outstanding contribution and sincere dedication towards the pharmacy profession in the "2nd Virtual Annual Award Ceremony-AAC-2021" of **Indian Pharma Educational Society (IPES)**, Lucknow, India in Collaboration with Pharmatutor held on 30th December, 2021.

Oral/Poster Presentation at Conferences/Seminar/Symposium (15)

1. I have done oral presentation entitled "Rationally Designed New Molecules for the Treatment of Tuberculosis" in **APTICON-2022**, JSS College of Pharmacy, JSS AHER Campus, Mysuru, Karnataka, India from 2nd September, 2022 to 4th September, 2022.
2. I have done poster presentation entitled "Green Chemistry: A Stratagem for Hazardous Chemicals in Pharmaceutical Industries." in **ACS Spring 2022**, San Diego, California, USA from 20th March, 2022 to 24th March, 2022.
3. Ms. Mausam Patel and Ms. Honey Shah Secured **Second Rank** in Increpharm entitled "**Preparation of Rasayan Cookies from Herbal Immuno-modulating Drugs"** under the guidance of **Dr. Maulik D. Vaja** in 10thPharmaVision 2021 organized by ABVP on the Theme of - "Serve Society, Serve Nation" at Faculty of Pharmacy, SRI Campus, Vadasma, Gujarat on 29th and 30th December 2021.
4. Mr. Saiful Khan and Mr. Om Dixit Secured **Second Rank** in Model Presentation entitled "**Column Chromatography"** under the guidance of **Dr. Maulik D. Vaja** in 10thPharmaVision 2021 organized by ABVP on the Theme of - "Serve Society, Serve Nation" at Faculty of Pharmacy, SRI Campus, Vadasma, Gujarat on 29th and 30th December 2021.
5. Ms. Pratiksha Patil, Ms. Sneha Joshi and Mr. Yash Gosai Secured **Second Rank** in Poster Presentation (Pharmacology) entitled "**Proton Beam Therapy for Cancer in the Era of Precision Medicine"** under the guidance of **Dr. Maulik D. Vaja** in 10thPharmaVision 2021 organized by ABVP on the Theme of - "Serve Society, Serve Nation" at Faculty of Pharmacy, SRI Campus, Vadasma, Gujarat on 29th and 30th December 2021.
6. I have done a poster presentation entitled "**A Review on Study of Analgesic Drugs"** in **APP 15th Indo-US Virtual Conference** on **Global Advances in Pharmaceutical and Allied Science** on 1-2 Dec, 2021held at Arihant School of Pharmacy & Bio-Research Institute, Adalaj, Ahmedabad, Gujarat organized by APP Gujarat State Branch & APP American International Branch in collaboration with APP Pharmaceutical Education & Healthcare Management Division with support ofDharmsinh Desai University, Nadiad (Gujarat) on the occasion of World AIDS Day.
7. I have done a poster presentation entitled "**Natural Products: A Source of New Drugs"** in **APP 15th Indo-US Virtual Conference** on **Global Advances in Pharmaceutical and Allied Science** on 1-2 Dec, 2021held at Arihant School of Pharmacy & Bio-Research Institute, Adalaj, Ahmedabad, Gujarat organized by APP Gujarat State Branch & APP American International Branch in collaboration with APP Pharmaceutical Education & Healthcare Management Division with support of Dharmsinh Desai University, Nadiad (Gujarat) on the occasion of World AIDS Day.
8. I have done a poster presentation entitled "**Glitazar: The Future of Anti-diabetics"** in **A Symposium on Recent Advances in Bioorganic and Medicinal Chemistry (RABMC)** on 30th Aug, 2019held at **NIPER, Mohali, India**.
9. I have done a poster presentation entitled "**Molecular hybridization: A useful tool in the design of new anti-tuberculosis drug"**in **APP 4th Indo-Caribbean Conference** on 22nd Jul, 2019 held at **Faculty of Pharmacy, Dharmsinh Desai University, Nadiad, Gujarat, India**.
10. I have done a poster presentation entitled "**Hydrogen Bond-assisted Organocatalytic Synthesis of Benzazoles"** in **International Conference on Chemistry for Human Development (ICCHD-2018)** from 8th to 10th Jan, 2018 held at **Heritage Institute of Technology, Kolkata, India**.

11. I have done a poster presentation entitled "**Novel ligand-assisted Cu-catalyzed C-N coupling: applications for the synthesis of bioactive compounds"** in **21st International Conference on Organic Synthesis (ICOS-21)** from 11th to 16th Dec, 2016 held at **IIT, Bombay, India**.
12. I have done an **oral presentation** at Apocalypse 2011 held at K.B. Institute of Pharmaceutical Education and Research, Titled **"Importance of chirality in drug design"** in Year 2011 at K.B. Institute of Pharmaceutical Education & Research.
13. I have done a **poster presentation** Titled **"Antibiotic- A real super bug"** in Year 2010 at *Dharmaj* Degree *Pharmacy College*.
14. I have done a **poster presentation** at PharmaGujFest 09 organized by S. K. Patel College of Pharmaceutical Education & Research, Ganpat University in association with **Indian Pharmaceutical Association-Student's Forum**, Titled **"Swine flu"** in Year 2009.
15. I have done a poster presentation, at **National Level Symposium** for Pharmacy Students, Pharmafest-09, organized by Baroda College of Pharmacy and Parul-institute of pharmacy, Baroda Titled **"Jaundice- A disease to think again"** in Year 2009.

Seminars/Conferences/Symposium/Workshop Attended (18)

1. I have attended "**3rd Commonwealth Chemistry Posters**" entitled Building Networks to Address the Goals organized by Commonwealth Chemistry, Federation of Chemical Sciences Societies from 28th to 29th Sept, 2022
2. I have participated in One-Day Virtual Conference on "**Emerging Trends in Medicinal Chemistry**" organized by Department of Medicinal Chemistry, National Institute of Pharmaceutical Education and Research (NIPER), Guwahati on 29th Oct, 2021.
3. I have participated in One Week National e-Workshop on "**Innovation & Intellectual Property Rights (NeW IPR-2021)**" organized by CSIR-IMMT, Bhubaneswar from 14th to 19th Oct, 2021.
4. I have participated in vSTTP on "**Application of Outcome Based Learning in Pharmacy & Process of NBA**" organized by Saraswati Institute of Pharmaceutical Sciences, Dhanap, Gandhinagar from 07th to 09th Oct, 2020.
5. I have participated in "**RSC Medicinal Chemistry Desktop Seminar Series**" organized by Royal Society of Chemistry in Sep, 2020.
6. I have participated in "**Coming Closer to NATURE for Impactful Publication (An Authors Workshop)**" organized by NIPER, Ahmedabad on 22nd Sep, 2020.
7. I have participated in "**Research Future with Interdisciplinary Collaborations Webinar**" organized by NIPER, Ahmedabad on 15th Sep, 2020.
8. I have participated in "**24th Annual Green Chemistry & Engineering Conference**" organized by ACS Green Chemistry Institute, USA from 15th to 19th Jun, 2020.
9. I have participated in "**SPARC-INDO-US Immunology Workshop**" jointly organized by IIT, Ropar, India and The George Washington University, USA from 12th to 13th Jun, 2020.
10. I have participated in 9th Indo-US International Conference on "**Advanced Challenges in Pharmaceutical Education and Research**"on6thJan, 2020 at **Saraswati Institute of Pharmaceutical Sciences, Dhanap, Gandhinagar, Gujarat**.
11. I have participated in AICTE Training and Learning (ATAL) Academy FDP on "**Drug Discovery to Drug Development: Bridging Gaps Between Academia and Industry**" from 11th to 15thNov, 2019 at **National Institute of Pharmaceutical Education and Research – Ahmedabad**.
12. I have participated in the international workshop on "**Chemical Biology and Drug Discovery"** an event under **GiAN (Global Initiative of Academic Network)** from 24-30 Oct, 2017.
13. I have participated in the **ASSOCHAM** conference on "**API's: Reducing Dependence on Imports**" in July, 2016 at Baddi, Himachal Pradesh.
14. I have attended one day seminar on "**HPLC Method Development and Validation**" in Nov, 2014 at NIPER, S.A.S. Nagar.
15. I have attended **Indo-US Conference** on **Molecular Modeling and Informatics in Drug Design (M^2ID^2)** jointly organized by NIPER, S.A.S. Nagar and the University of North Carolina during 3rd Nov to 6th Nov, 2014.
16. I have attended **3rd Indo-German Conference** on **Modeling Chemical & Biological (Re)activity**

(MCBR-3) jointly organized by NIPER, S.A.S. Nagar and IISER, Mohali during 26th Feb to 1st March, 2013.

17. I have attended one day seminar on "**Environment, Hazard and Waste Management in Pharmaceutical Industry**" in 2012 at NIPER, S.A.S. Nagar.
18. I have participated in Pharma Zephyr-2008 organized by Saraswati Institute of Pharmaceutical Sciences, Gandhinagar and **Indian Pharmaceutical Association-Student's Forum** in 2008.

Additional Duties

- Member of Researcher Grants Peer Review Group, Royal Society of Chemistry
- Institute research committee member (2019-20 to 2021-22)
- National Board of Accreditation (NBA) Criteria 5
- Secretary SIPS Alumni Association (SIPSAA)
- Treasurer SIPS Alumni Association (SIPSAA)
- Co-Editor of Avalokan (E-Newsletter of SIPS)
- PreGPAT Coordinator
- Member of Council of Students Representatives, NIPER, S. A. S. Nagar
- Examiner and Paper Setter at different Universities (Amity University, Kadi Sarva Vishwavidyalaya, Rai University, C. U. Shah University, Swaminarayan University)

Personal Information

Date of Birth: 18/ 06/ 1991. **Mob**: +91-9815579904 **Marital Status**: Married
Permanent Address: B-21, Avadhpuri tenament, Isanpur, Ahmedabad, Gujarat-382443.

Declaration
I hereby declare that the above-mentioned information is correct to best of my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.