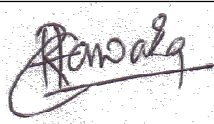


Faculty Profile

Personal Details		
Name	Dr. Rahul Harsing Pawara	
Designation	Associate Professor	
Department	Pharmaceutical Chemistry	
Date of Birth	10/06/1985	
Mob. No	9764432174	
Email ID	Pawararahul97@gmail.com	
Aadhar No	988274953499	
Pan No	CGTPP3410J	
Voter Id No	ZRP5549852	
Date of Appointment	01/07/2016	
University Approval No & date (Asst. Professor)	NMU/18/384/2017 & 31/12/2016 KBCNMU/18/988/2022 & 30/04/2022	
University Approval No & date (Asso. Professor)	-	
University Approval No & date (Professor)	-	
PG Teacher Approval No & Date	-	
Ph.D Guide Approval Letter & Dat	-	
Bank Account No	Bank Name: Central Bank of India Branch: Shirpur	
	A/c. No: 3358821156 IFSC Code: CBIN0284585	
Current Address	At Bomlyapada Post Rohini Tal Shirpur Dist Dhule	
Spouse Full Name	Kavita Rahul Pawara	
Spouse Adhar No	795688517735	
Spouse / Husband Date of Birth	03/01/1990	
No of Child	02	
Blood Group	B+	
Caste	Pawara	

Faculty Profile

Category	ST
Sub Caste	Pawara

Educational Qualifications

Degree	Specialization	Name of the Institute	University	Percentage & Class
B. Pharm	Pharmacy	SSJIPER Jamner	NMU Jalgaon	60.83 First
M. Pharm	Pharm. Chemistry	RCPIPER Shirpur	NMU Jalgaon	66.69 First
Whether Ph.D. awarded: - Yes				
Title of Ph.D. thesis awarded: - Design and Synthesis of Reversible and Irreversible Epidermal Growth Factor Receptor Tyrosine Kinase (EGFR-TK) Inhibitors to Overcome Resistance and Toxicity Problems in Non-Small Cell Lung Cancer (NSCLC).				
Whether qualified NET/SET: - NA				

Academic / Industry Experience

Name of the Institution		Position		From		To	
RSCP Buldana		Assistant Professor		10/12/2014		31/05/2016	
RCPIPER Shirpur		Assistant Professor		01/07/2016		30/06/2019	
RCPIOP Shirpur		Assistant Professor		01/07/2019		10/06/2022	
RCPIOP Shirpur		Associate Professor		11/06/2022		Till date	
Total Experience	09	Teaching	09	Research		Administration	

Subjects Taught (if Academic Experience)

UG	PG
Pharmaceutical Organic Chemistry-II	Process Chemistry
Pharmaceutical Organic Chemistry- III	
Medicinal Chemistry-I	
Medicinal Chemistry-III	

Research Publications

Faculty Profile

Total Number of Publications	International Journal	National Journal	International Conference	National Conference	Total
	23	01	-	10	24
Publications (Journals) (Title, Journal Name, ISSN/ ISBN No. / Impact Factor / Author/Co-author/ Volume / Pg. No)					
1.	Pawara Rahul , Ahmad I, Nayak D, Belamkar S, Surana S, Kundu CN, Patil C, Patel H. Design and synthesis of the novel, selective WZ4002 analogue as EGFR-L858R/T790M tyrosine kinase inhibitors for targeted drug therapy in non-small-cell lung cancer (NSCLC). <i>Journal of Molecular Structure</i> . 2022;1254:132313. https://doi.org/10.1016/j.molstruc.2021.132313 (IF 3.841)				
2.	Pawara Rahul , Ahmad I, Nayak D, Wagh S, Wadkar A, Ansari A, Belamkar S, Surana S, Kundu CN, Patil C, Patel H. Novel, selective acrylamide linked quinazolines for the treatment of double mutant EGFR-L858R/T790M Non-Small-Cell lung cancer (NSCLC). <i>Bioorganic chemistry</i> . 2021;115:105234. https://doi.org/10.1016/j.bioorg.2021.105234 (IF 5.307)				
3.	Pawara Rahul , Ahmad I, Surana S, Patel H. Computational identification of 2, 4-disubstituted amino-pyrimidines as L858R/T790M-EGFR double mutant inhibitors using pharmacophore mapping, molecular docking, binding free energy calculation, DFT study and molecular dynamic simulation. <i>In Silico Pharmacology</i> . 2021;9:1-22. https://doi.org/10.1007/s40203-021-00113-x (IF 00)				
4.	Patel H, Pawara Rahul , Surana S. In-silico evidences for binding of Glucokinase activators to EGFR C797S to overcome EGFR resistance obstacle with mutant-selective allosteric inhibition. <i>Computational Biology and Chemistry</i> . 2018;74:167-89. https://doi.org/10.1016/j.compbiolchem.2018.03.026 (IF 3.737)				
5.	Kale Arun D, Pawara Rahul H , Patel Harun M, Dalal Dipak S. A facile and efficient one-pot procedure for the synthesis of 2-amino-4,8-dihydropyrano[3,2-b]pyran-3-carbonitriles in PEG-400 and glycerol. <i>Research on Chemical Intermediates</i> . https://doi.org/10.1007/s11164-023-05188-z (IF 3.134)				
6.	Mohite P, Nahar D, Pawara Rahul , Alqahtani T, Eldin SM, Mukerjee N, Al-Tawaha AR, Iqbal R, Bawazeer S, Ali I. Triazolopyridine, a leitmotif of synthetic methods and pharmacological attributes: an extensive review. <i>Arabian Journal of Chemistry</i> . 2023;16:105181. doi: https://doi.org/10.1016/j.arabjc.2023.105181 (IF 6.212)				
7.	Ahmad I, Pawara Rahul , Patel H. In silico toxicity investigation of Methaqualone's				

Faculty Profile

	conjunctival, retinal, and gastrointestinal hemorrhage by molecular modelling approach. <i>Molecular Simulation</i> . 2022;48(18):1639-49. https://doi.org/10.1080/08927022.2022.2113412 (IF 2.346)
8.	Ahmad I, Pawara Rahul H , Girase RT, Pathan AY, Jagatap VR, Surana SJ, Patel H. Synthesis, molecular modeling study, and quantum-chemical-based investigations of isoindoline-1,3-diones as antimycobacterial agents. <i>ACS Omega</i> . 2022;7(25):21820-44. https://doi.org/10.1021/acsomega.2c01981 (IF 4.132)
9.	Ahmad I, Akand SR, Shaikh M, Pawara Rahul , Patel H. Synthesis, molecular modelling study of the methaqualone analogues as anti-convulsant agent with improved cognition activity and minimized neurotoxicity. <i>Journal of Molecular Structure</i> . 2022;1251:131972. doi.org/10.1016/j.molstruc.2021.131972 (IF 3.841)
10.	Girase R, Ahmad I, Pawara Rahul , Patel H. Optimizing cardio, hepato and phospholipidosis toxicity of the Bedaquiline by chemoinformatics and molecular modelling approach. <i>SAR and QSAR in Environmental Research</i> . 2022;33(3):215-35. https://doi.org/10.1080/1062936X.2022.2041724 . (IF 3.681)
11.	Patel H, Ahmad I, Jadhav H, Pawara Rahul , Lokwani D, Surana S. Investigating the impact of different acrylamide (electrophilic warhead) on Osimertinib's pharmacological Spectrum by molecular mechanic and quantum mechanic approach. <i>Combinatorial Chemistry & High Throughput Screening</i> . 2022;25(1):149-66. https://doi.org/10.2174/1386207323666201204125524 (IF 1.714)
12.	Ahmad I, Pawara Rahul , Surana S, Patel H. The repurposed ACE2 inhibitors: SARS-CoV-2 entry blockers of Covid-19. <i>Topics in Current Chemistry</i> . 2021;379:1-49. https://doi.org/10.1007/s41061-021-00353-7 (IF 8.905)
13.	Shaikh M, Shinde Y, Pawara Rahul , Noolvi M, Surana S, Ahmad I, Patel H. Emerging approaches to overcome acquired drug resistance obstacles to osimertinib in non-small-cell lung cancer. <i>Journal of Medicinal Chemistry</i> . 2021;65(2):1008-46. https://doi.org/10.1021/acs.jmedchem.1c00876 (IF 8.039)
14.	Patel HM, Ahmad I, Pawara Rahul , Shaikh M, Surana S. In silico search of triple mutant T790M/C797S allosteric inhibitors to conquer acquired resistance problem in non-small cell lung cancer (NSCLC): a combined approach of structure-based virtual screening and molecular dynamics simulation. <i>Journal of Biomolecular Structure and Dynamics</i> . 2021;39(4):1491-505. https://doi.org/10.1080/07391102.2020.1734092 (IF 5.235)

Faculty Profile

15.	Patel H, Ahmad I, Jadhav H, Pawara Rahul , Mundada A, Shaikh M, Surana S. Extensively Drug-resistant Tuberculosis (XDR-TB)-inhibitors to overcome the scourge of drug-resistant tuberculosis: A perspective. <i>Reviews and Advances in Chemistry</i> . 2020;10:112-39. (IF 00)
16.	Patel H, Pawara Rahul , Surana S. Resolving the Mystery of Ring Opening in the Synthesis of Benzo [d][1, 3] oxazin-4-one and Quinazolin-4 (3H)-one. <i>Letters in Organic Chemistry</i> . 2019;16(11):898-905. https://doi.org/10.2174/1570178616666181217114030 (IF 0.67)
17.	Patel H, Pawara Rahul , Pawara K, Ahmed F, Shirkhedkar A, Surana S. A structural insight of bedaquiline for the cardiotoxicity and hepatotoxicity. <i>Tuberculosis</i> . 2019;117:79-84. https://doi.org/10.1016/j.tube.2019.06.005 (IF 3.2)
18.	Patel H, Jadhav H, Ansari I, Pawara Rahul , Surana S. Pyridine and nitro-phenyl linked 1, 3, 4-thiadiazoles as MDR-TB inhibitors. <i>European Journal of Medicinal Chemistry</i> . 2019;167:1-9. https://doi.org/10.1016/j.ejmech.2019.01.073 (IF 7.088)
19.	Patel H, Ansari A, Pawara Rahul , Ansari I, Jadhav H, Surana S. Design and synthesis of novel 2, 4-disubstituted aminopyrimidines: reversible non-covalent T790M EGFR inhibitors. <i>Journal of Receptors and Signal Transduction</i> . 2018;38(5-6):393-412. https://doi.org/10.1080/10799893.2018.1557207 (IF 2.8)
20.	Patel HM, Pawara Rahul , Ansari A, Noolvi M, Surana S. Design and synthesis of quinazolinones as EGFR inhibitors to overcome EGFR resistance obstacle. <i>Bioorganic & Medicinal Chemistry</i> . 2017;25(10):2713-23. https://doi.org/10.1016/j.bmc.2017.03.039 (IF 3.461)
21.	Patel H, Pawara Rahul , Ansari A, Surana S. Recent updates on third generation EGFR inhibitors and emergence of fourth generation EGFR inhibitors to combat C797S resistance. <i>European Journal of Medicinal Chemistry</i> . 2017;142:32-47. https://doi.org/10.1016/j.ejmech.2017.05.027 (IF 7.088)
22.	Patel H, Pawara Rahul , Ansari A, Surana S. Recent updates on third generation EGFR inhibitors and emergence of fourth generation EGFR inhibitors to combat C797S resistance. <i>European Journal of Medicinal Chemistry</i> . 2017;142:32-47. https://doi.org/10.1016/j.ejmech.2017.05.027 (IF 7.088)
23.	Thakor V, Poddar M, Dey S, Manjula SN, Madhunapantula SV, Pawara Rahul , Patel HM, Noolvi MN. Exploring the anti-breast cancer potential of flavonoid analogs. <i>RSC advances</i> . 2016;6(82):79166-79. DOI: 10.1039/C6RA14428D (IF 4.036)

Faculty Profile

24.	Salunke PA, Bhurat MR, Salunkhe PS, Pawar SP, Pawara RH , Mutha RE. Evaluation of the antinociceptive properties from <i>Nyctanthes arbor-tristis</i> roots extracts using experimental animal models. <i>Journal of Pharmacy Research</i> . 2012;5(6):3056-8. (ISSN: 0974-6943)
Paper Presented / Published in Conferences (Title, Conference Name, Venue, Conf. Proceeding -ISSN/ ISBN No./ Impact Factor / Author/Co-author/Pg. No.)	
1.	Poster Presentation in Two-Day National Conference “ <i>Green Sustainable Analytical Chemistry: Past, Present & Future</i> ” on dated 27th -28th March 2023 Organized by R. C. Patel Institute of Pharmaceutical Education & Research, Shirpur in association with KBC NMU Jalgaon.
2.	Poster Presentation at University Level (Phase I) in Avishkar 2022 organized by KBC, NMU, Jalgaon on 26 th December 2022.
3.	Poster Presentation in Two-Day National Conference on “ <i>Quality by Design (QbD) Approach as Perspective Software Assisted Pharmaceutical Tool for Development of Novel Drug Delivery System: Regulatory Guideline & Current Status</i> ” on dated 29th - 30th March 2022.
4.	Selected for oral Presentation at University level (Phase II) in Avishkar 2018 organized by KBC, NMU, Jalgaon during 2 nd and 3 rd January 2019.
5.	Selected for Poster Presentation at University Level (Phase I) in Avishkar 2018 organized by KBC, NMU, Jalgaon on 26 th December 2018.
6.	Poster Presentation in 4 th International Conference on “ <i>Innovations in Pharmaceutical Research by Interdisciplinary Approach</i> ” held during 23 rd - 25 th January 2018 at Nirma University Ahmedabad.

Books Authored/Co-authored

1.	Patel HM, Pawara Rahul , Surana SJ. Third Generation EGFR Inhibitors: Overcoming EGFR Resistance and Toxicity Problems. Elsevier; 2018, 1-208.
----	---

Book Chapters Authored/Co-authored

1.	Jagatap V, Ahmad I, Pawara Rahul . and Patel H, 2023. Informatics and databases for phytochemical drug discovery. <i>In Phytochemistry, Computational Tools and Databases in Drug Discovery</i> (pp. 89-124). Elsevier.
----	--

Faculty Profile

2.	Ahmad I, Pawara Rahul , Pathan A, Patel H. Fourth-Generation Allosteric EGFR Tyrosine Kinase Inhibitors to Combat the Drug Resistance Associated with Non-small Cell Lung Cancer (NSCLC). <i>In Natural Products as Enzyme Inhibitors: An Industrial Perspective 2022</i> (pp. 1-23). Singapore: Springer Nature Singapore.
----	--

Awards, Patents, Prizes etc.

1.	Patel Harun M., Pawara Rahul H. , Patil Chandraguada R, Kundu Chanakya N, Nayak Deepika, Ansari Iqar., 4-Amino-2-Oxy Disubstituted Pyrimidine Derivatives, a Process and Uses Thereof, Patent No: 399756, Application number: 201821027707 granted by Indian Patent Office, Mumbai.
2.	Patel Harun M., Pawara Rahul H. , Patil Chandraguada R, Kundu Chanakya N, Nayak Deepika. 2,4-Diamino substituted and 4-Amino, 2-Oxy Disubstituted Pyrimidine Derivatives, a Process and Uses Thereof, Patent No: 461467, Application number: 201821027708 granted by Indian Patent Office, Mumbai.
3.	Patel Harun M., Pawara Rahul H. , Patil Chandraguada R, Kundu Chanakya N, Nayak Deepika, Surana Sanjay J., Acrylamide Bearing Quinazolin-4(3h)-one Derivatives, a Process and Uses Thereof, Patent No: 433812, Application number: 201821027709 granted by Indian Patent Office, Mumbai.

Additional Roles & Key Responsibilities Handled

1.	Co-ordinator for MPSC/UPSC Competitive examination organized by Shirpur Education Society
2.	Class Teacher- Handled role of class teacher on class of Second Year B. Pharm.
3.	Member of organizing committee in the District Level- Dhule Avishkar 2023-24 organized by KBC NMU Jalgaon on 18 th Oct. 2023 at R. C. Patel Institute of Pharmaceutical Education & Research Shirpur
4.	Worked as Question paper setter, external examiner, and answer sheet evaluator of KBCNMU, Jalgaon for Pharmacy and Cosmetics course.
5.	Active member , RCPIPER/RCPIOP Annual sports/Cultural events 2017-Present.
6.	Local Guardian from 2017-present.

Faculty Profile

Membership in Professional Bodies

1.	Maharashtra State Pharmacy Council
----	------------------------------------

Training Program Attended (Seminar/Workshop/Conference/Refreshers Course etc.)

Workshops

1.	Participated in the One Day University Level Workshop on Magazine Editorial Board organized by Kavayitri Bahinabai Chaudhari North Maharashtra University Jalgaon, Student Welfare Office & M. G. M. Arts, Science & Commerce college Chopda Dist Jalgaon on 4 th February 2023.
2.	Participated in National Level Workshop cum Training Program on “ <i>Drug Discovery, Designing and Development</i> ” at R. C. Patel Institute of Pharmaceutical Education & Research, Shirpur during 17 th - 21 st August 2019.

Seminars

3.	Attended One Day Seminar on “ <i>Molecular modelling approach, Strategy and Development</i> ” at Smt. Sharadchandrika Suresh Patil College of Pharmacy Chopda, Dist Jalgaon on 31 st August 2019.
4.	Attended ICMR sponsored Two Day National Seminar on “ <i>Research and Therapeutics in Medicinal (Drug) Chemistry</i> ” during 7 th -8 th July 2018.
5.	Attended One Day National Seminar on “ <i>Bioanalytical Techniques: Approaches & Challenges</i> ” on 15 th November 2014 organized by Smt. Kishoribai Bhoyar College of Pharmacy, Kamptee.

Conferences

6.	KBC NMU Jalgaon sponsored One-Day National Conference “ <i>Current and Future Prospects in Drug Design and Development in Nanotechnology</i> ” on dated 27 th -28 th March 2023 Organized by H. R. Patel Institute of Pharmaceutical Education & Research, Shirpur in association with KBC NMU Jalgaon.
7.	AICTE sponsored Two Day National Conference on “ <i>Need Based Research & Development in Pharmaceutical Field for Serving Society</i> ” on 24 th -25 th November 2019 Organized by R. C. Patel Institute of Pharmaceutical Education & Research Shirpur.
8.	Attended 2 nd National Conference on “ <i>Innovations in Chemistry-Laboratory to Society</i> ” at School of Chemical Sciences, North Maharashtra University, during 5 th & 6 th March

Faculty Profile

	2018.
9.	Attended 4 th International Conference on “ <i>Artificial Intelligence in Health Care</i> ” at SVKMs, NMIMS, Shirpur during 27 th to 28 th December 2016.
10.	Attended One Day National Conference on “ <i>Structure Interpretation of Organic compounds</i> ” organized by R. C. Patel Institute of Pharmaceutical Education & Research, Shirpur on 24 th September 2016.
<u>Certificate of Appreciation</u>	
1.	Demonstration in <i>Tools & Techniques for Design, Development and Characterization of Pharmaceuticals and Biopharmaceuticals</i> held under STUTI, DST-India.

Note: - In case of additional credentials, attach likewise

I hereby declare that the information given above is correct and to the best of my knowledge and belief. I fully understand that if it is found later that any information given in the application is incorrect/false or if I do not satisfy the eligibility criteria, my candidature/appointment is liable to be cancelled/terminated.

Place:

Date:



Signature of the Candidate