

Faculty Profile

Personal Details	
Name	Dr. Kapil M Agrawal
Designation	Associate Professor
Department	Pharmaceutical Chemistry
Date of Birth	11-05-1980
Mob. No	9764870136
Email ID	contactkap@gmail.com
Aadhar No	377756649031
Pan No	AHPPA6416L
Voter Id No	NMU2308773
Date of Appointment	
University Approval No & date (Asst.Professor)	NMU/18/755/2011; Date: 13-4-2011
University Approval No & date (Asso.Professor)	
University Approval No & date (Professor)	NA
PG Teacher Approval No & Date	NMU/11/PGR/Pharm/4096/2011; Date:10-11-2011
Ph.D Guide Approval Letter & Dat	KBCNMU/11/Ph.D./ 222 /2022; Date: 12-7-2022
Bank Account No	Bank Name : A/c. No:
	Branch : IFSC Code :
Current Address	C/o Mr. Gajendra Girase, 55, Pitreshwar colony, near Bank of Baroda, Ashirwad Hospital, Shirpur, Dist. Dhule, Maharashtra, 425405
Spouse / Husband Full Name	Mrs. Sarika Agrawal
Spouse / Husband Adhar No	446377147507
Spouse / Husband Date of Birth	20-03-1976
No of Child	02
Blood Group	B+ve



Sign

Faculty Profile

Caste	Hindu
Category	Hindu
Sub Caste	Vaishnav

Educational Qualifications				
Degree	Specialization	Name of the College/Institute	University	Percentage & Class
B. Pharm.	Nil	B. R. Nahata College of Pharmacy, Mandsaur	RGPV, Bhopal	59.4/ II
M. Pharm.	Pharm. Chemistry	K. L. E. S.s College of Pharmacy, Belgaum, Karnataka	RGUHS, Bangalore	61.5/ I
Whether Ph.D. awarded :- Yes				
Title of Ph.D. thesis awarded:- "Synthesis and Biological Evaluation of Some Novel Fluoroquinolone Derivatives as Potent Antitubercular and Antibacterial Agents"				
Whether qualified NET / SET :- No				

Academic / Industry Experience							
Name of the Institution / Industry		Position		From		To	
B. R. Nahata College of Pharmacy, Mandsaur		Lecturer		10-08-2005		12-5-2007	
R. C. Patel Institute of Pharmaceutical Education and Research		Assistant Professor		1-7-2007		15-6-2022	
R. C. Patel Institute of Pharmacy		Associate Professor		16-6-2022		Till cont.	
Total Experience	18.5	Teaching	18.5	Research	13	Administration	0

Subjects Taught(if Academic Experience)	
UG	PG
Pharmaceutical Organic Chemistry	Advanced Organic Chemistry
Pharmaceutical Inorganic Chemistry	
Medicinal Chemistry	

Faculty Profile

Pharmaceutical Analysis	
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Research Publications					
Total Number of Publications	International Journal	National Journal	International Conference	National Conference	Total
	12	11	15	12	22/27
Publications (Journals) (Title, Journal Name, ISSN/ ISBN No. / Impact Factor / Author/Co-author/ Volume / Pg. No)					
1.	Isolation and Characterization of Anti-Inflammatory Compounds from <i>Ficus Microcarpa</i> L.f. Stem Bark; Mohan Kalaskar, Vivek Redasani, Muniappan Ayyanar, Mahavir Ghante, Sandip Firke, Kapil Agrawal , Vilas Ghawate, Sanjay Surana, Saud Alarifi, Rupesh Chikhale and Shailendra Gurav*; <i>Plants</i> 2023, 12, 3248. https://doi.org/10.3390/plants12183248 (IF 4.5)				
2.	Synthesis of Benzenamines as Fungal Chitin Synthase Inhibitors: Pharmacophore Based Design; Nitin G Haswani,*Pritam S. Jain, Kapil M. Agrawal , Sandip D. Firke, Vishal M. Balaramnavar, Deepti Mathpal, Santosh Kumar, Anil Ahuja; <i>The Journal of Oriental Research Madras</i> ; vol. XCIII-XIV; pg. No. 110-117; October 2022				
3.	Identification of Anti-Tubercular Agents Through Direct Drug Design Approaches Targeting Isocitrate Lyase; Deepti Mathpal, Vishal M. Balaramnavar, Nitin G. Haswani, Kapil M. Agrawal, Pritam S. Jain; <i>Samriddhi: A journal of Physical Sciences, Engineering and Technology</i> ; Volume No. 14, Issue- 4, October - December 2022; pg. No. 12-28.				
4.	Development and Validation of RP-HPTLC Method for Estimation of Prochlorperazine edisylate using doe Approach; Nitin G Haswani*, Sandip D. Firke, Amod S. Patil, Pritam S Jain, Saurabh C Khadse, Md Mojeeb G Khan, Kapil M Agrawal, Vishal M. Balaramnavar, Deepti Mathpal; <i>Samriddhi: A journal of Physical Sciences, Engineering and Technology</i> ; Volume No. 14, Issue- 4, October - December 2022; pg. No. 41-52.				
5.	RP-HPLC Method Development and Validation for Estimation of Antiviral Drug - Molnupiravirin Bulk and In-House Capsules; Pritam S. Jain ¹ , Nitin G. Haswani, Manali S. Bhamare, Mayur p. Nandre, Snehal R. Dhulgunde and Kapil M. Agrawal , Vishal M. Balaramnavar, Deepti Mathpal, Rinka Juneja; <i>Samriddhi: A journal of Physical Sciences, Engineering and Technology</i> ; Volume no. 14, Issue-4, October - December 2022; pg. No. 53-63.				
6.	Development and Validation High-Performance Thin-Layer Chromatography and UV-AUC Method For Estimation of Dexamethasone in Bulk and in Pharmaceutical Formulation; Nitin G. Haswani, Kapil M. Agrawal*, Pritam S. Jain, Mohan Kalaskar, Vilas Rathod, Vishal M. Balaramnavar, Deepti Mathpal, Santosh Kumar, Anil Ahuja and Gulshan Gurnani; <i>the journal of oriental research madras</i> ; vol. XCIII-XIV; pg. No. 94-109; October 2022				
7.	Development and Validation High-Performance Thin-Layer Chromatography Method For Estimation of Molnupiravir In Bulk and In Pharmaceutical Formulation; Pritam S. Jain, Nitin G. Haswani, Manali S. Bhamare, Mayur P. Nandre, Snehal R. Dhulgunde, Vishal M. Balaramnavar, Deepti Mathpal, Sudhir Kaushik, Anil Ahuja and Kapil M. Agrawal* <i>The Journal of Oriental Research Madras</i> ; Vol. XCIII-XIV; Pg. no. 118-125; October 2022.				

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8.	Synthesis of Sparfloxacin derivatives as an antibacterial, antimycobacterial agents with cytotoxicity investigation; Gulshan Gurunani*, Kapil Agrawal , Sheelpriya Walde ^{1,2} , Abhay Itadwar ³ ; <i>Research J. Pharm. and Tech.</i> 15(10): October 2022.
9.	Review: Active Enantiomeric form of Pregabalin based on sole and coupled chromatography methods; Akhil Nagar, Pritam S. Jain, Harun Patel, Santosh Bodkhe, Kapil Agrawal , Urmila Salunke; <i>Future Journal of Pharmaceutical Sciences</i> ; April 2022 13 (1): 26-39.
10.	Isolation and evaluation of tamarind seed coat mucilage as pharmaceutical suspending agent, S. J. Surana, M. G. Kalaskar, V. S. Bagul, S.D. Firke, Mohd. M. G. Khan, K. M. Agrawal ; <i>Journal of University of Sanghai for Science and Technology</i> ; July 2021; 23 (7); 293-300
11.	Synthesis and In-vitro Antibacterial, Antitubercular and Cytotoxicity Evaluation of Lomifloxacin Derivatives, G. Gurunani, K. Agrawal , S. Walde and A. Itadwar; <i>International Journal of Current Research and Review</i> ; Oct. 2021 13 (21): 65-72.
12.	Qualitative and Quantitative Phytochemical Investigation of Trapa Bispinosa Roxb. Leaves; K. M. Agrawal and N. S. Methwani, <i>World Journal of Pharmaceutical Research</i> ; April 2019; 8 (7); 2144-2155.
13.	Stability-indicating HPTLC Method for Estimation of Guaifenesin in Bulk and in Pharmaceutical Formulation, P.S. Jain*, N.K. Kale, K. M. Agrawal , N. G. Haswani and S.J. Surana; <i>International Journal of Pharmaceutical Chemistry and Analysis</i> ; April-June 2015;2(2):97-101.
14.	Enhanced in vitro dissolution of Iloperidone using Caesalpinia Pulcherrima mucoadhesive Microspheres, Kapil M. Agrawal , P. P. Ige*, Upesh Patil, <i>Beni-Suef University Journal of Basic and Applied Sciences. (Elsevier publication)</i> , 2015, 4, 26-32.
15.	Synthesis and Antibacterial, antimycobacterial and Docking studies of Novel N-Piperazinyl fluoroquinolones, Kapil M. Agrawal* and Gokul S. Talele <i>Medicinal Chemistry Research, (Springer Publication)</i> , 2013, 22, 818-831. (IF- 2.7)
16.	Synthesis and Antibacterial, Antimycobacterial Activity of 7-[4-{5-(2-Oxo-2- <i>p</i> -substituted-phenylethylthio)-1,3,4-thiadiazol-2yl}-3-methylpiperazinyl] Quinolone Derivatives, Kapil M. Agrawal* and Gokul S. Talele, <i>Journal of Chemistry, Hindawi Publishing Corporation, USA</i> , Volume 2013, Article ID 147565, 5 pages DOI 10.1155/2013/147565. (IF- 1.6)
17.	Solubility and dissolution enhancement of Saquinavir Mesylate by Inclusion complexation technique, Hitendra S. Mahajan, Kapil M. Agrawal and Mayur H. Pingale, , (Springer Publication) , 2013, DOI: 10.1007/s10847-012-0269-7 (IF- 1.60)
18.	Q-Absorbance and Multi-component UV-spectrophotometric method for simultaneous estimation of Rosuvastatin calcium and Finofibrate in pharmaceutical formulation, Kapil M. Agrawal* , Prashant S. Mandwal, Prateek R. Patel and Sanjay J. Surana, <i>Der Pharmacia Lettre</i> , 2012, 4 (4): 1054-59.
19.	Stability Indicating RP-HPLC Assay Method Development and Validation for Determination of Deferasirox in Tablet Dosage Form, Kapil M. Agrawal and Jayesh R. Kothwade, <i>International Journal of Pharmaceutical Research & Allied Sciences</i> , 2012, 1, 40-45.
20.	Estrogenic and Progestational activity of roots of rubia cordifolia in experimental models, Kapil Agrawal , Parial S.D. and Sharma D.K., <i>Asian Journal of Chemistry</i> , 19, (4), 2007, 2861-2865 (IF- 0.44)
21.	Child Autism Syndrome and Associated Diseases, Kapil Agrawal , Reena Gupta, Sunil kumar Mistry, Avijeet jain, <i>Indian Pharmacist</i> , 2006, 5 (45) 11-18.
22.	Synthesis and Screening the Antifungal activity of Amino Menthol, <i>Biosciences, Biotechnology Research Asia</i> , 2005, 3 (2) 421-422.
23.	Synthesis and Investigation of Antibacterial, Antimycobacterial Activity and Cytotoxicity Study of Sparfloxacin Derivatives, G. Gurunani, K. Agrawal , S. Walde

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and A. Ittadwar; International Journal of Pharmaceutical Research; Sept. 2021 13 (2): 3944-3952.

Paper Presented / Published in Conferences

(Title, Conference Name, Venue, Conf. Proceeding -ISSN/ ISBN No./ Impact Factor / Author/Co-author/Pg. No.)

Year	Title	Duration	Sponsored	Date	Place
2023	26 th Annual National Convention; Theme: "Fiesta of Innovation, Research and Collaboration: Thriving towards Excellence in Pharmacy Teaching"	2 days	APTI, PSIT Kanpur, PCI and Co-partners	2-3 Sept. 2023	Kanpur (UP)
2023	3 rd International FDP Emerging Trends in Phyto Pharmaceutical Research	14 Weeks	Dr. D Y Patil IPSR, Pimpri, Pune	11-3-23 to 28-5-23	Online Mode
2023	Access to Quality and Affordable Medical Products	3 Days	IPC and their Partner	20-22 Jan 2023	RTM, Nagpur University Nagpur
2022	A Hands on Training Program on Formulation Development Aspects of Nanotechnology-Based Drug Delivery Systems	7 days	(STUTI) DST-ICT Mumbai	18-24 August 2022	RCPIPER Shirpur
2022	National Conference on Nanomedicine and Artificial Intelligence: Past, Present and Future	2 days	SERB-DST	23-24 July 2022	SVKM's NMIMS, Shirpur
2022	International Conference on Natural product for Drug Discovery and Development Towards Healthier Life in the 21 st Century Research, Innovation and Ideas	One day	AICTE Sponsored	12 March 2022	Modern Institute of Pharmaceutical Sciences Indore MP
2022	FDP on New Edge Educational Standards for Teachers	5 days	MET's IOP, Collaborative with APTI	14-18 Feb. 2022	MET, IOP, Adgaon, Nashik, Maharashtra

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2020	UGC-HRDC sponsored Online Short term training programme	7days	UGC-HRDC Hyderabad	8-13 June 2020	Hyderabad
2018	10th Niper (R) Symposium on Nano based Therapy for Neurodegenerative Diseases	Two days	NIPER (R)	27-28 March 2018	Niper Campus Raibarely UP
2016	National Convention on Road map on Pharmacy Education and Research	Three days	IPC	14-16 Oct.2016	Manipal Institute of Pharmaceutical Sciences, Manipal (K.A.)
2016	International Conference In Pharmaceutical Innovation and Research	Two days	AICTE	27-28 February,2016	SAIPS Indore (M.P.)
2015	Pharma Innovations and Education Research	Three days	UGC Sponsored	19-21 November, 2015	Pt. Ravi Shankar Shukla University, Raipur (C.G.)
2014	Third Global Sustainable Biotech Congress 2014	Five days	NMU, Global Biotech Forum, Nagpur and CETYS university, Mexico	1-5 December, 2014	R. C. Patel ASC College, Shirpur, Dist. Dhule
2014	Annual National convention of APTI	Three days	Pune region pharmacy institutions and APTI (MS)	28-30 November 2014	Shree chattrapati sports complex balewadi Pune (MS)
2012	National level seminar on basics in spectroscopy and chromatography	Two-days	AICTE	7-8 October	RCPIPER, Shirpur
2011	State level seminar on role of communication skills in pharmacy	Two-days	AICTE	21-22 Macrh	RCPIPER, Shirpur
2009	Recent advancement in pharmaceutical chemistry	Two-week	AICTE	2-14 February	RCPIPER, Shirpur
2008	Current trends in novel drug delivery system	Two-days	AICTE	23-24 August	RCPIPER, Shirpur

Faculty Profile

2007	Computational drug discovery in Pharma R & D	Two-days	NMIMS	6-7 August	NMIMS, Mumbai
2007	Modern trends in supra molecular nanotechnology and nano-medicine	Two-days	UGC	16-17 March	Nirma University, Ahmedabad
2006	1 st M. P. state APTI convention	One-day	APTI	7-8 March	BRNCP, Mandasaur
2006	Academia-Industry HR seminar	One-day	BRNCP	January	BRNCP, Mandasaur
2006	2 nd International symposium on DDP	Three day	Shivaji University Kolhapur and K.L.E.S.'s Belgaum (Karnataka)	22-24 February	K.L.E.S.'s college of pharmacy, Belgaum
2006	Academia-industry workshop on current trends in clinical research	One-day	BRNCP Mandasaur	January	BRNCP Mandasaur
2006	All India national draft policy, debate seminar	One-day	BRNCP Mandasaur	26 January	BRNCP Mandasaur
2005	National Pharmacy Week Celebration-2005 Academia-Industry Workshop	One-day	BRNCP Mandasaur	26 November	BRNCP Mandasaur
2004	2 nd Global conference on cosmetic technology	Three day	K.L.E.S.'s Belgaum (Karnataka)	24-26 February	K.L.E.S.'s college of pharmacy, Belgaum

Books Authored/Co-authored

1.	A Textbook of Pharmaceutical Organic Chemistry-III; Edition-I, published in Mahi publication, Ahmedabad, 2023; Book ISBN no. 978-81-19492-50-3; Page no. 1-73.
2.	Book title: Magnetic Quantum Dots for Bio-imaging; Chapter name: Magnetic Quantum Dots for In-Vivo-imaging; Published; I Edition, published in CRC Press 2023, Chapter length (14 page); eBook ISBN; 9781003319870; Publishing house: Taylor & Francis Group.
3.	Book Title: Phytopharmaceuticals and Herbal Drugs-Prospects and Safety Issues in the Delivery of Natural Products; Chapter Name: "Herbal drug interaction and effects on phytopharmaceuticals"; Bina Gidwani, Sakshi Tiwari, Vishal Jain, Veenu Joshi, Ravindra Pandey, Shiv Shankar Shukla, Kapil Agrawal , Nagendra Singh Chauhan, Amber Vyas; Published by Academic Press; 21 July 2023; ISBN; 978-0-323-99125-4; 2023, Pages 249-264; https://doi.org/10.1016/C2021-0-01588-1; https://doi.org/10.1016/B978-0-323-99125-4.00015-9.

Awards, Patents, Prizes etc.

1.	Project Title: "Synthesis, Virtual Screening and Evaluation of Novel Fluoroquinolone Derivatives Against Type II A Topoisomerases for developing the Anti-cancer Agents", Grants Sanctioned: KBCNMU Jalgaon, Maharashtra, under VCRMS; Period: (2022-2024); Project status: Undergoing. Grant Received: (One Lakh); Dated; 14-5-2022.
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Faculty Profile

Additional Roles & Key Responsibilities Handled	
1.	Class-Teacher
2.	Head of NBA Criterion 7
2.	Title of Invention: DISCOVERY OF THE CABORGOLINE A MAIN PROTEASE INHIBITOR AS ANTI SARS-COV-2 AGENT; Application No.202121035050 A; Publication Date : 27/08/2021; Name of Inventor: Dr Pritam Sharad Jain, Dr Kapil Madhavprasad Agrawal, Dr Saurabh Chandrashekhar Khadse, Dr Nitin Ghanshamdas Haswani , Dr. Vishal M. Balaramnavar.
3.	Title of the invention: DISCOVERY OF THE DIPIVEPRINE A MAIN PROTEASE INHIBITOR AS ANTI-SARS-COV-2 AGENT; Application No.202121035051 A; Publication Date: 27/08/2021; Name of Inventor: Dr Pritam Sharad Jain, Dr Kapil Madhavprasad Agrawal, Dr Saurabh Chandrashekhar Khadse, Dr Nitin Ghanshyamdas Haswani , Dr. Vishal M. Balaramnavar.
4.	Design Patent (Registered): DEVICE FOR DETECTION OF ACTIVE CONSTITUENTS FROM MEDICINAL PLANTS; CATEGORY 10-05; Design No. 393247-001; Publication Date: 17/10/2023; Name of Inventor: Dr Munesh mani, Shailju G. Gurunani, Dr. Gulshan Ashok Gurunani, Dr Kapil Madhavprasad Agrawal, Dr Atul Baravkar, Dr Surada Prakash Rao, Avinash Tupe, Sharad Kumar Tripathi,Dr. Nitin Narayan Hire,Ganesh Ramchandra Phadtare.
Membership in Professional Bodies	
1.	Life Member, Association of Pharmacy Teachers of India (APTI) MA/LM/737
2.	Registered with Madhya Pradesh State Pharmacy Council, Reg. no. 14812

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 at a later date 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: Shirpur



Faculty Profile

Date: 9-5-24

Signature of the Applicant

Required Following Documents with Hard & Soft Copy in PDF or JPG Format.

1. Fill-up above information with photo & signature.
2. Updated Resume with photo
3. 10th MS / Board Certificate
4. 12th MS / Board Certificate
5. UG Marksheet & Degree Certificate
6. PG Marksheet & Degree Certificate
7. Ph. D Degree Certificate, Notification / verification Certificate
8. University Approval Letter (Asst. Professor / Asso. Professor /Professor)
9. PG Teacher & Ph. D Guide Letter
10. Adhar Card
11. Pan Card
12. Voter Card
13. Bank Pass Book

CV

Kapil M. Agrawal (M. Pharm., PhD)
Associate Professor
Department of Pharmaceutical Chemistry,
R. C. Patel Institute of Pharmacy,
Karwand Naka, Shirpur

Faculty Profile

Dist. Dhule (M.S.) 425405

Email: contactkap@gmail.com

Phone: +91-9764870136, 7974485122

EDUCATION

- **Ph.D.**, (2007-2015) Pharmaceutical Sciences, North Maharashtra University, Jalgaon, May **2015** (Awarded) Thesis: "*Synthesis and Biological Evaluation of Some Novel Fluoroquinolone Derivatives as Potent Antitubercular and Antibacterial Agents*". **Work place:** R. C. Patel Institute of Pharmaceutical Education & Research, Shirpur, Maharashtra; **Research Guide:** Dr. G. S. Talele
- **M. Pharm.**, (Pharm. Chemistry), K. L. E. S.'s college of pharmacy, Belgaum, RGUHS, Bangalore, Karnataka **2006**; **Thesis:** "*Synthesis of novel quinolone derivatives as possible antitubercular agents*". **Research Guide:** **Dr. A. K. Gadad**
- **B. Pharm.** B. R. Nahata College of Pharmacy, Mandsaur, (M.P.) RGPV, Bhopal, **2002**

TEACHING EXPERIENCE (18.5 years); POST PhD EXPERIENCE (8 Yrs.)

- **Associate Professor**, RCPIOP Shirpur, Maharashtra, 11-06-2022 to till cont. (1.7yrs)
- **Assistant Professor**, RCPIPER Shirpur, Maharashtra, 13-4-2011 – 10-06-2022 (11.2 yrs)
- **Lecturer.**, RCPIPER, Shirpur, Maharashtra, 1-7-2007-12-4-2011 (3.9 yrs)
- **Lecturer**, BRNCP, Mandsaur, MP, 10 August 2005 to 12 May 2007 (1.9 yrs.)

SUBJECT TAUGHT:

UG	Pharm. Organic Chemistry; Pharm. Inorganic Chemistry; Medicinal Chemistry; Analysis etc.
PG	Advanced Organic Chemistry & Modern Analytical Techniques.

RESEARCH EXPERIENCE

Doctoral Research: (2007-2015)

- Synthesis of Phenacyl bromide using new approaches like modification of method of synthesis
- Developed new method & reaction mechanism for novel 5-benzoylmethylenethio-2-amino-1,3,4-thiadiazole
- Synthesis of titled compounds using CEM Advance Microwave Reactor and conventional method
- *In-vitro* antitubercular and antibacterial studies using MABA and disc diffusion methods
- *In-vitro* cytotoxicity study using Mammalian and Human Liver cell line to determine IC₅₀ and protective index
- Ligand-Receptor Docking study using Schrödinger module

Contract-Research-Centre: (2006-2007)

- Yield enhancement project for Sourabh Chemical Ltd. Panchkula, Chandigarh, as a research team member at B. R. Nahata College of Pharmacy, Mandsaur (M.P.) **Topic:** Yield enhancement of *p*-Nitrobenzoyl bromide from *p*-Nitrotoluene by using different reagents and catalysts.

Post-graduate Research: (2003-06)

Faculty Profile

- Synthesis of Phenacyl Bromide using Bromination method
- Clubbed the Phenacyl bromide as carbocyclic and heterocyclic Thiadiazole moiety as a hybrid nucleus
- Structural confirmation of synthesized compounds by spectral methods.
- *In-vitro* anti-bacterial and anti-tubercular evaluation of some new synthesized derivatives.
- *In-vitro, In-vivo* evaluation of antidiabetic profile of herbal plant extracts and Isolation, characterization on herbal plant extracts.

RESEARCH PROJECT GUIDED

- Guided 20 M. Pharm. students.
- Guided various B. Pharm. students for their final year and third year projects.

APPOINTMENTS

- Paper setter and evaluator of B. Pharm. for Vikram University Ujjain.
- North Maharashtra University, Jalgaon (Maharashtra) Chairman of paper setters for the subjects: Pharmaceutical Organic Chemistry-I, II & III External Examiner and B. Pharm. Paper evaluator for Pharmaceutical Organic Chemistry
- Pt. Ravi Shankar Shukla University, Raipur (C.G.) as External examiner for B. Pharm.
- Rajiv Gandhi Technical University, Bhopal (M.P.) as Paper evaluator for B. Pharm.
- Vikram University, Ujjain (M.P.) as External Examiner, paper evaluator and paper setter for B. Pharm.
- RKDF University, Bhopal (M.P.) as Paper setter for M. Pharm. (Pharma Chemistry)
- PCI appointed as a observer at Neemuch dist. For misbranded, spurious and NSQ drug by NIB survey.
- Rajiv Gandhi Technical University, Bhopal (M.P.) as External examiner for B. Pharm. & M. Pharm.
- AICTE sponsored conference has appointed as poster evaluated committee member.

PROFESSIONAL MEMBERSHIP

- Life Member, Association of Pharmacy Teachers of India (APTI) MP/LM-065
- Registered with Madhya Pradesh State Pharmacy Council, Reg. no. 14812

Social media credentials:

Blog: Blogger/www.rcpiper-pharmachemistry.blogspot.in

Youtuber: Channel name: Organic Chemistry Concept by Dr. Kapil Agrawal

PUBLICATIONS/PATENTS/BOOKS

Book chapter published:

Book title: Magnetic Quantum Dots for Bio-imaging; **Chapter name:** Magnetic Quantum Dots for In-Vivo-imaging; Published; I Edition, published in CRC Press 2023, Chapter length (14 page); eBook ISBN; 9781003319870; Publishing house: Taylor & Francis Group.

Book Title: Phytopharmaceuticals and Herbal Drugs-Prospects and Safety Issues in the Delivery of Natural Products; **Chapter Name:** "Herbal drug interaction and effects on phytopharmaceuticals"; Bina Gidwani, Sakshi Tiwari, Vishal Jain, Veenu Joshi, Ravindra Pandey, Shiv Shankar Shukla, **Kapil Agrawal**, Nagendra Singh Chauhan, Amber Vyas; **Published by** Academic Press; 21 July 2023; **ISBN;** 978-0-323-99125-4; 2023, **Pages** 249-264; <https://doi.org/10.1016/C2021-0-01588-1>; <https://doi.org/10.1016/B978-0-323-99125-4.00015-9>.

Faculty Profile

Book published:

Book title: A Textbook of Pharmaceutical Organic Chemistry-III; Edition-I, published in Mahi publication, Ahemdabad, 2023; Book ISBN no. 978-81-19492-50-3; Page no. 1-73.

RESEARCH GRANTS

Project Title: "Synthesis, Virtual Screening and Evaluation of Novel Fluoroquinolone Derivatives Against Type II A Topoisomerases for developing the Anti-cancer Agents",
Grants Sanctioned: KBCNMU Jalgaon, Maharashtra, **Period:** (2022-2024); **Project status:** Undergoing. **Grant Received:** (One Lakh); **Dated;** 14-5-2022.

PATENT PUBLISHED

- **Title of Invention:** DISCOVERY OF THE CABORGOLINE A MAIN PROTEASE INHIBITOR AS ANTI SARS-COV-2 AGENT; Application No.202121035050 A; Publication Date : 27/08/2021; Name of Inventor: Dr Pritam Sharad Jain, **Dr Kapil Madhavprasad Agrawal**, Dr Saurabh Chandrashekhar Khadse, Dr Nitin Ghanshamdas Haswani , Dr. Vishal M. Balaramnavar.
- **Title of the invention:** DISCOVERY OF THE DIPIVEPRINE A MAIN PROTEASE INHIBITOR AS ANTI-SARS-COV-2 AGENT; Application No.202121035051 A; Publication Date: 27/08/2021; Name of Inventor: Dr Pritam Sharad Jain, **Dr Kapil Madhavprasad Agrawal**, Dr Saurabh Chandrashekhar Khadse, Dr Nitin Ghanshyamdas Haswani , Dr. Vishal M. Balaramnavar.
- **Design Patent (Registered):** DEVICE FOR DETECTION OF ACTIVE CONSTITUENTS FROM MEDICINAL PLANTS; **CATEGORY** 10-05; **Design No.** 393247-001; Publication Date: 17/10/2023; Name of Inventor: Dr Munesh mani, Shailju G. Gurunani, Dr. Gulshan Ashok Gurunani, **Dr Kapil Madhavprasad Agrawal**, Dr Atul Baravkar, Dr Surada Prakash Rao, Avinash Tupe, Sharad Kumar Tripathi, Dr. Nitin Narayan Hire, Ganesh Ramchandra Phadtare.

JOURNAL CREDENTIALS: Current Status: [H index-5; I10 index - 4]

- Isolation and Characterization of Anti-Inflammatory Compounds from *Ficus Microcarpa* L.f. Stem Bark; Mohan Kalaskar, Vivek Redasani, Muniappan Ayyanar, Mahavir Ghante, Sandip Firke, **Kapil Agrawal**, Vilas Ghawate, Sanjay Surana, Saud Alarifi, Rupesh Chikhale and Shailendra Gurav*; *Plants* 2023, 12, 3248. <https://doi.org/10.3390/plants12183248> (IF 4.5)
- Synthesis of Benzenamines as Fungal Chitin Synthase Inhibitors: Pharmacophore Based Design; Nitin G Haswani,*Pritam S. Jain, Kapil M. Agrawal, Sandip D. Firke, Vishal M. Balaramnavar, Deepti Mathpal, Santosh Kumar, Anil Ahuja; *The Journal of Oriental Research Madras*; vol. XCIII-XIV; pg. No. 110-117; October 2022
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- RP-HPLC Method Development and Validation for Estimation of Antiviral Drug - Molnupiravirin Bulk and In-House Capsules; Pritam S. Jain¹, Nitin G. Haswani, Manali S. Bhamare, Mayur p. Nandre, Snehal R. Dhulgunde and **Kapil M. Agrawal**, Vishal M. Balaramnavar, Deepti Mathpal, Rinka Juneja; *Samridhi: A journal of Physical Sciences, Engineering and Technology*; Volume no. 14, Issue-4, October - December 2022; pg. No. 53-63.
- Development and Validation High-Performance Thin-Layer Chromatography and UV-AUC Method For Estimation of Dexamethasone in Bulk and in Pharmaceutical Formulation; Nitin G. Haswani, Kapil M. Agrawal*, Pritam S. Jain, Mohan Kalaskar, Vilas Rathod, Vishal M. Balaramnavar, Deepti Mathpal, Santosh Kumar, Anil Ahuja and Gulshan Gurnani; the journal of oriental research madras; vol. XCIII-XIV; pg. No. 94-109; October 2022
- Development and Validation High-Performance Thin-Layer Chromatography Method For Estimation of Molnupiravir In Bulk and In Pharmaceutical Formulation; Pritam S. Jain, Nitin G. Haswani, Manali S. Bhamare, Mayur P. Nandre, Snehal R. Dhulgunde, Vishal M. Balaramnavar, Deepti Mathpal, Sudhir Kaushik, Anil Ahuja and **Kapil M. Agrawal*** The Journal of Oriental Research Madras; Vol. XCIII-XIV; Pg. no. 118-125; October 2022.
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- Qualitative and Quantitative Phytochemical Investigation of Trapa Bispinosa Roxb. Leaves; K. M. Agrawal and N. S. Methwani, World Journal of Pharmaceutical Research; April 2019; 8 (7); 2144-2155.
- Stability-indicating HPTLC Method for Estimation of Guaifenesin in Bulk and in Pharmaceutical Formulation, P.S. Jain*, N.K. Kale, **K. M. Agrawal**, N. G. Haswani and

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- Synthesis and Antibacterial, antimycobacterial and Docking studies of Novel N-Piperazinyl fluoroquinolones, **Kapil M. Agrawal*** and Gokul S. Talele Medicinal Chemistry Research, **(Springer Publication)**, 2013, 22, 818-831. **(IF- 2.3)**
- Synthesis and Antibacterial, Antimycobacterial Activity of 7-[4-{5-(2-Oxo-2-p-substituted-phenylethylthio)-1,3,4-thiadiazol-2yl}-3-methylpiperazinyl] Quinolone Derivatives, **Kapil M. Agrawal*** and Gokul S. Talele, *Journal of Chemistry, Hindawi Publishing Corporation, USA*, Volume 2013, Article ID 147565, 5 pages DOI 10.1155/2013/147565. **(IF- 0.6)**
- Solubility and dissolution enhancement of Saquinavir Mesylate by Inclusion complexation technique, Hitendra S. Mahajan, **Kapil M. Agrawal** and Mayur H. Pingale, , **(Springer Publication)**, 2013, DOI: 10.1007/s10847-012-0269-7 **(IF- 1.60)**
- Q-Absorbance and Multi-component UV-spectrophotometric method for simultaneous estimation of Rosuvastatin calcium and Finofibrate in pharmaceutical formulation, **Kapil M. Agrawal***, Prashant S. Mandwal, Prateek R. Patel and Sanjay J. Surana, *Der Pharmacia Lettre*, 2012, 4 (4): 1054-59.
- Stability Indicating RP-HPLC Assay Method Development and Validation for Determination of Deferasirox in Tablet Dosage Form, **Kapil M. Agrawal** and Jayesh R. Kothwade, *International Journal of Pharmaceutical Research & Allied Sciences*, 2012, 1, 40-45.
- Estrogenic and Progestational activity of roots of rubia cordifolia in experimental models, **Kapil Agrawal**, Parial S.D. and Sharma D.K., *Asian Journal of Chemistry*, 19, (4), 2007, 2861-2865 **(IF- 0.44)**
- Child Autism Syndrome and Associated Diseases, **Kapil Agrawal**, Reena Gupta, Sunil kumar Mistry, Avijeet jain, *Indian Pharmacist*, 2006, 5 (45) 11-18.
- Synthesis and Screening the Antifungal activity of Amino Menthol, *Biosciences, Biotechnology Research Asia*, 2005, 3 (2) 421-422.

RESOURCE PERSON: (Lecture Delivered)

- 9-4-2021, AICTE Sponsored 7days **STTP-2021; Theme-** Future trends in Research Methodology for Drug Discovery & Development; **Topic-** Targeting the DNAgyrase and Topoisomerase IV via Design and Synthesis of Novel Fluoroquinolonic Derivatives; **Organized by** Columbia Institute of Pharmacy; Raipur (CG)
- 20-6-2023, **Topic-** "Revolutionizing Pharma Education Research and Navigation Digital Era's and Opportunities"; **Organized by** Faculty of Pharmacy, Madhav University, Pindwara, Abu Road, Rajasthan, India.

Conferences/Webinar/e-FDPS/Workshop: (Lockdown Period)

Faculty Profile

- Poster evaluator on 26th Annual National Convention; Theme: “Fiesta of Innovation, Research and Collaboration: Thriving towards Excellence in Pharmacy Teaching” at APTICON Kanpur (UP)
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- Poster Present on Stability- Indicating Simultaneous Determination of Rosuvastatin Calcium and Fenofibrate in bulk and Pharmaceutical Formulation by TLC/Densitometry, Scientific Abstract NIPER (R) by Kapil Agrawal and Akshit Kaushik.
- Webinar attended, (Research: Planning and Execution) organized by DPU’s Dr. D. Y. Patil IOPSR, Pune National Webinar on (Role of Ayurveda to fight against Corona Virus), organized by Apex Institute of Ayurvedic Medicine & Hospital
- Participated in quiz and get certificate, supported by Association of Healthcare Professionals (Covid-19 Prevention and Control)
- Webinar on (Basics of HPTLC and its Applications) organized by GKCOP & Bombay College of Pharmacy, Mumbai
- Webinar attended and get certificate, Organized by Apex Paramedical Institute, Mirzapur, Varanasi, (Role of Paramedical in Fight against Covid-19)
- International Webinar attended and get certificate, Organized by Apex College of Nursing (Covid-19 Facts Vs Myths)
- Webinar attended and get certificate, organized by AICTE and Elsevier, (Research workflow, Research Metrics and Excellence in Academic Institutes)
- Webinar attended and get certificate, organized by RCIPIPER (Flash Chromatography)
- International Webinar on “Covid 19 Challenges and opportunities for Pharmaceutical Education and Industry”; Organized by Apex Institute of Pharmacy, Chunar, Mirzapur UP
- Green Intellectual Property (Green IP) for Health Care Innovations Globally”; Organized by, School of Pharmacy and Research, People’s University, Bhopal
- Two days teams webinar on Chromatographic techniques; Organized by SVKM Dhule
- Webinar, Recent updates in Pharmaceutical Sciences and Technology, organized by vmedulife and Rajaram bapu College of Pharmacy, Kasegaon, Maharashtra.
- Webinar on “ An Insight into the Therapeutic Strategies to Conquer Novel Coronavirus” organized by KLE’s College of Pharmacy, Hubli, Karnataka
- Five days online e-FDP Covid 19 Outbreak: Challenges and Opportunities in Higher Education; Organized by BRNCOP Mandsaur and MPCST Bhopal
- Turnip innovative, 5 days Patent webinar series is cont. Registration and sessions are continuing.
- Detection methods in Flash Chromatography, by Buchi India
- Basics of UV and FTIR By Perkin Elmer
- Webinar on Combat Covid 19 Current Research for Drug and Vaccine Development, Organized by RKDF University, Bhopal MP.
- IIC’s and MHRD organized 15 Online sessions on Innovations in which i had attend 5 Sessions (Session 1,2,3,5 and 8) but e certificate not issued till today.
- AICTE sponsored Short Term Training Programme Organized by COP-BELA from 11th -16th January, 2021.
- UGC-HRDC sponsored Online Short term training programme Organized by JNTU Hyderabad 8-13 June 2020.
- Train-the-Teacher Training Program (TTT Program) on the theme ‘Online Learning: Live Classroom Teaching Platforms’, organized by Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon (Maharashtra-425 001) during July 24-27, 2020.

CONFERENCES AND PROGRAMMES ATTENDED/PRESENTED/ORGANIZED

Year	Title	Duration	Sponsored	Date	Place
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Faculty Profile

2023	26 th Annual National Convention; Theme: "Fiesta of Innovation, Research and Collaboration: Thriving towards Excellence in Pharmacy Teaching"	2 days	APTI, PSIT Kanpur, PCI and Co-partners	2-3 Sept. 2023	Kanpur (UP)
2023	3 rd International FDP Emerging Trends in Phyto Pharmaceutical Research	14 Weeks	Dr. D Y Patil IPSR, Pimpri, Pune	11-3-23 to 28-5-23	Online Mode
2023	Access to Quality and Affordable Medical Products	3 Days	IPC and their Partner	20-22 Jan 2023	RTM, Nagpur University Nagpur
2022	A Hands on Training Program on Formulation Development Aspects of Nanotechnology-Based Drug Delivery Systems	7 days	(STUTI) DST-ICT Mumbai	18-24 August 2022	RCPIPER Shirpur
2022	National Conference on Nanomedicine and Artificial Intelligence: Past, Present and Future	2 days	SERB-DST	23-24 July 2022	SVKM's NMIMS, Shirpur
2022	International Conference on Natural product for Drug Discovery and Development Towards Healthier Life in the 21 st Century Research, Innovation and Ideas	One day	AICTE Sponsored	12 March 2022	Modern Institute of Pharmaceutical Sciences Indore MP
2022	FDP on New Edge Educational Standards for Teachers	5 days	MET's IOP, Collaborative with APTI	14-18 Feb. 2022	MET, IOP, Adgaon, Nashik, Maharashtra
2020	UGC-HRDC sponsored Online Short term training programme	7days	UGC-HRDC Hyderabad	8-13 June 2020	Hyderabad
2018	10th Niper (R) Symposium on	Two days	NIPER (R)	27-28 March 2018	Niper Campus Raibarely UP

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	Nano based Therapy for Neurodegenerative Diseases				
2016	National Convention on Road map on Pharmacy Education and Research	Three days	IPC	14-16 Oct.2016	Manipal Institute of Pharmaceutical Sciences, Manipal (K.A.)
2016	International Conference In Pharmaceutical Innovation and Research	Two days	AICTE	27-28 February,2016	SAIPS Indore (M.P.)
2015	Pharma Innovations and Education Research	Three days	UGC Sponsored	19-21 November, 2015	Pt. Ravi Shankar Shukla University, Raipur (C.G.)
2014	Third Global Sustainable Biotech Congress 2014	Five days	NMU, Global Biotech Forum, Nagpur and CETYS university, Mexico	1-5 December, 2014	R. C. Patel ASC College, Shirpur, Dist. Dhule
2014	Annual National convention of APTI	Three days	Pune region pharmacy institutions and APTI (MS)	28-30 November 2014	Shree chattrapati sports complex balewadi Pune (MS)
2012	National level seminar on basics in spectroscopy and chromatography	Two-days	AICTE	7-8 October	RCPIPER, Shirpur
2011	State level seminar on role of communication skills in pharmacy	Two-days	AICTE	21-22 Macrh	RCPIPER, Shirpur
2009	Recent advancement in pharmaceutical chemistry	Two-week	AICTE	2-14 February	RCPIPER, Shirpur
2008	Current trends in novel drug delivery system	Two-days	AICTE	23-24 August	RCPIPER, Shirpur
2007	Computational drug discovery in Pharma R & D	Two-days	NMIMS	6-7 August	NMIMS, Mumbai
2007	Modern trends in supra molecular nanotechnology and nano-medicine	Two-days	UGC	16-17 March	Nirma University, Ahemdabad

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2006	1 st M. P. state APTI convention	One-day	APTI	7-8 March	BRNCP, Mandasaur
2006	Academia-Industry HR seminar	One-day	BRNCP	January	BRNCP, Mandasaur
2006	2 nd International symposium on DDP	Three day	Shivaji University Kolhapur and K.L.E.S.'s Belgaum (Karnataka)	22-24 February	K.L.E.S.'s college of pharmacy, Belgaum
2006	Academia-industry workshop on current trends in clinical research	One-day	BRNCP Mandasaur	January	BRNCP Mandasaur
2006	All India national draft policy, debate seminar	One-day	BRNCP Mandasaur	26 January	BRNCP Mandasaur
2005	National Pharmacy Week Celebration- 2005 Academia-Industry Workshop	One-day	BRNCP Mandasaur	26 November	BRNCP Mandasaur
2004	2 nd Global conference on cosmetic technology	Three day	K.L.E.S.'s Belgaum (Karnataka)	24-26 February	K.L.E.S.'s college of pharmacy, Belgaum

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