


College of Pharmacy, Amravati

Faculty Profile

Name:	:	Dr. Mukund G. Tawar	
Qualification	:	M. Pharm, Ph. D	
Designation	:	Principal	
Total Experience	:	Academic : 16 years Industrial : 02 years	
Google Scholar Profile	:	https://scholar.google.co.in/citations?hl=en&user=T6kd-u0AAAAJ&view_op=list_works&sortby=pubdate	
Grant Received	:	Grant of Rs. 1.5 lacs from university of Pune for research projects	
Students Guided	:	11 M. PHARM Student Co-Guided	
Core Competency Area	:	<ul style="list-style-type: none">• Formulation & Development• Novel Drug Delivery System• Colon Specific Drug Delivery System• Curriculum Development• Student Development	
Achievements	:	<ul style="list-style-type: none">• Invited as a Jury Member for Evaluation of Poster presentation on the topic, Current Trends in Pharma Production Organized by Vidyabharati College of Pharmacy, Amravati.• Nominated as a Member of Indian Pharmaceutical Association Amravati Local Branch, Amravati, Maharashtra, for the tenure of 2018-2020.• Appointed as a LEC Member by Sant Gadage Baba Amravati University for inspection of Pharmacy Institutes.• Represent the University of Pune for Avishkar-2013 State Level Conference for Poster and Oral Presentation held at North Maharashtra University Jalgaon, Maharashtra. <p>INVITED AS A DELEGATE / SPEAKER</p> <ul style="list-style-type: none">• Invited at P. R. Pote Patil College of Engineering and management in M. C. A. Department as a motivational speaker.• Invited as a Speaker at Vidyabharati College of Pharmacy, Amravati, in State Level Symposium to Deliver Talk on Current Trends in Pharma Production.• Invited as a Speaker at P. R. Patil Institute of Pharmacy, Talegaon, and Deliver Talk on Site Specific Drug Delivery System.• Hosted Incubation Programme of P. R. Pote Patil Group of Educational Institute and presented details of Institutions.	
Professional Memberships	:	<ul style="list-style-type: none">• Life Member of APTI (MA/LM-821)• Registered Pharmacist of MSPC (61392)• Life Member of Indian Pharmaceutical Association (MAH/AMAR/LM/0040)	

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Seminars/ Workshops/ Conferences attended	<ul style="list-style-type: none"> • Faculty Development Programme on “Coaching and Mentoring” by Wasan Knowledge Hub, Mumbai, 2016 at Dr. D. Y. Patil Institute of Pharmaceutical Sciences and Research, Pimpri, Pune. • State Level Seminar on Total Quality management in Pharmaceutical Industry. 2016 at Dr. D. Y. Patil Institute of Pharmaceutical Sciences and Research, Pimpri, Pune. • Modern Spectroscopic Techniques and Their Application in Structure Elucidation, 2014, Dr. D. Y. Patil Institute of Pharmaceutical Sciences and Research, Pimpri, Pune. • Avishkar Orientation Program, 2013, BCUD University of Pune. • Nanotechnology: A New Prospective in Novel Drug Delivery Research, 2010, Modern College of Pharmacy, Nigdi, Pune. • Drug Solubilization Techniques- challenges, 2009, Modern college of pharmacy, Moshi. • Nanotechnology: from drug discovery to drug delivery, 2009, Marathwada Mitra mandals college of pharmacy, Kalewadi, Pune. • Poorly Soluble Drugs – Challenges, Opportunities and Solutions, 2008, Sinhgad Collage of Pharmacy, Vadgaon (BK), Pune. • Recent Advances in Drug Development: Opportunities and Challenges, 2008, Maharashtra Institute of Pharmacy, Pune. • Oral Controlled Release System’ 2006, SGRS Collage of Pharmacy, Saswad, Pune.
Publication at Credit	<ul style="list-style-type: none"> • Development and Evaluation of Multiunit Drug Delivery System for Ulcerative Colitis’ Paper Communicated to Asian Journal of Pharmaceutical Sciences. • ‘Synthesis of silver nanoparticles by using Aloe vera and Thuja orientalis leaves extract and their biological activity: a comprehensive review’ Bulletin of National Research Center, 45 (1), 1-13, 2021. • ‘Design and Characterization of Phase Transition System of Zolmitriptan Hydrochloride for Nasal Drug Delivery System’, International Journal of Pharmaceutical Sciences and Nanotechnology, vol. 13, Issue 3, 2020. • ‘Formulation and Evaluation of Natural Gum Based Fast Dissolving Tablet of Meclizine Hydrochloride by Using 32 Factorial Design’ Asian Journal of Pharmacy and Pharmacology, vol. 6, Issue 2, 94-100, 2020. • ‘Study on impact of different climatic zones on physicochemical and phytochemical profile of Withaniasomnifera (L.) dunal’ Indian journal of traditional knowledge, Vol 19 (3) 2020, 468-493. • ‘Formulation and Evaluation Topical Antimicrobial Herbal Cream’ World Journal of Pharmacy and Pharmaceutical Sciences, Vol. 9, Issue 12, 2020. • ‘Novel use of sucrose cocoate as surfactant in formulation and evaluation of herbal liquid soap’, World Journal of Pharmacy and Pharmaceutical

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Sciences, Vol. 9, Issue 10, 2020.

- Preparation and Evaluation of Oral Dispersible Strips of Teneligliptin Hydrobromide for Treatment of Diabetes Mellitus- International Journal of Pharmaceutical Science and Nanotechnology; 2020; 13(1); 4745-4751
- Development and validation of RP-HPLC for the simultaneous estimation of metformin and alogliptin in bulk and combined tablet dosage form- World Journal of Pharmacy and Pharmaceutical Sciences; 2020 , 9;(11),1172-1180
- A Review On Covid-19-Corona Virus Disease- World Journal Of Pharmacy And Pharmaceutical Sciences;2020, 9 (8), 1333-1353
- Review On Chromatographic Method Development For Quality Control Of Ayurvedic Formulation By HPTLC - World Journal Of Pharmacy And Pharmaceutical Sciences;2020, 9, (12), 976-982.
- ‘Comparative Studies on suspending properties of Tribulus Terrestris Mucilage’, World Journal of Pharmacy and Pharmaceutical Sciences, Vol. 9, Issue 10, 2145-2158, 2020.
- ‘A Pharmacognostic and Phytopharmacological Overview on Bombax Ceiba’ American Journal of Pharmtech Research, Vol. 8, Issue 6, 165-179, 2019.
- Formulation and Characterization of Solid Lipid Microparticles- American journal of pharmacy and health Research, Volume 7, Issue 4, 2321-2328, 2019.
- Review on Marine Sponge: Derived Natural Products and formulations- Am. J. PharmTech Res. 2019; 9(03)
- Development and Validation of Analytical Instrumental Method for Pharmaceutical Products- American Journal of Pharmacy & Health Research 2019. Volume 7, Issue 5
- ‘Development and Evaluation of Surgical Sutures from Agave americana Linn. Var. Americana’ American Journal of Pharmtech Research, Vol. 8, Issue 6, 114-125, 2018.
- ‘Evaluation of Antidiabetic activity of Polyherbal preparation against alloxan induced diabetes in experimental animal’ International Journal of Current Advanced Research, Vol. 7 (A), 13934-1393, July, 2018.
- ‘Effect of Ailanthus Excelsa Extract in Hepatic Disorder’ World Journal of Pharmacy and Pharmaceutical Sciences Vol. 7, Issue 2, 1418-1426, 2017.
- ‘Polysaccharide as a Potential carrier for Multiunit colon specific drug delivery system’ International Journal of Pharmaceutical Sciences and Research, Vol. 5(2): 508-518, 2014.
- ‘Colon Specific Drug Delivery System of Ornidazole Based On Multi Layer Coated Minitabs’ Indo American Journal of Pharmaceutical

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Research, Vol 3, Issue 8:1594-1609, 2013.

- 'Development and Evaluation of Repaglinide Floating Matrix Tablet' Inventi Rapid: Novel Drug Delivery System, Issue 2, 2012.
- 'Simultaneous spectrophotometric estimation of Salbutamol sulphate and Ambroxol Hydrochloride by using various solvent in bulk as well as in Tablet formulation', Asian J. Research chem.4 (5): May-2011.
- 'Formulation and evaluation of matrix based sustained release drug delivery system of Ambroxol Hydrochloride and Salbutamol sulphate' Inventi Rapid: NDDS Vol., Issue2, 2011.
- 'Development and evaluation of multiparticulate drug delivery system of Ondansetron hydrochloride', Inventi Rapid: NDDS Vol. 2011, Issue 3, 2011.
- 'Solid nanoemulsion preconcentrate of isradipine: To improve solubility' Inventi Rapid: Advanced Dosaging Issue 4, Vol. 2011.
- 'Box Behnken Statistical Design for Development and Optimization of Isradipine Self Nanoemulsifying Drug Delivery System'. Inventi Rapid: Advanced Dosaging, Issue 4, Vol. 2011.
- 'Development and Evaluation of micro balloons of Pioglitazone hydrochloride using eudragit S-100' International Journal of Pharmaceutical Science. 2011.
- 'Formulation and Evaluation of Chronomodulated drug delivery system' Research journal of Pharmacy and Technology, 2(1): Jan-Feb.2010.
- 'Development and evaluation of floating microspheres of Pioglitazone hydrochloride using ethyl cellulose' Der Pharmacia Letter, 2(5): 2010.
- 'Development and Evaluation of Tramadol hydrochloride Sustained Release Tablet' Research Journal of pharmacy and Technology, 2(4): Oct.-Dec. 2009.
- 'Design and Dissolution study of colon specific drug delivery system of Tinidazole' Research Journal of pharmacy and Technology, 2(3): July-Sep.2009.

**Presentations
Delivered**

:

- Colon Specific Drug Delivery System, Paper presented at APTICON 2014, Emerging Trends In Pharmacy Profession and Education, conference held at Pune, Organized by APTI.
- Multiunit and Multilayered Colon Specific Drug Delivery System: A NOVEL APPROACH, Poster and Oral Presentation at State Level Conference Avishkar-2013 held at North Maharashtra University Jalgaon.
- Multiunit and Multilayered Colon Specific Drug Delivery System: A NOVEL APPROACH, Poster Presented at Inter University Level Avishkar-2013 Conference held at University of Pune, Pune.
- Formulation and Evaluation of Multiunit Potential colon specific drug delivery system, Poster presented at Zonal Level Avishkar-2013,

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		<p>conference held at the Prof. Ramkrishna More College, Akurdi, Pune.</p> <ul style="list-style-type: none"> • Site specific drug delivery to target colon cancer Oral Presentation at Innovation-2012 Conference held at Alard College of pharmacy, Pune. • Development and Evaluation of Repaglinide Floating Matrix Tablet' Paper presented at an Avishkar-2011 conference held at the Baburavaji Gholap College, Sanghvi, Pune. • Site specific drug delivery to target colon cancer' Oral Presentation at Innovation-2010 Conference held at Amrutvahini College of pharmacy, Sangamner. • Site specific drug delivery to target colon cancer' paper presented at Innovation-2009 conference held at SGRS College of pharmacy, Saswad, Pune. • Formulation and Evaluation of Chronomodulated drug delivery System Paper presented in Avishkar-2009 conference held at the Baburavaji Gholap College, Sanghvi, Pune.
Conferences & Seminars Organized	:	<ul style="list-style-type: none"> • Webinar on "Manufacturing process flow in Pharmaceutical Industry, 2020, by Dr. Saurabh Deshmukh, Research Scientist, Sandoz Novartis Division, Mumbai, P. R. Pote Patil College of Pharmacy, Amravati. • Webinar on "Pharma Research & Development", by Dr. Minal Bonde, 2020, P. R. Pote Patil College of Pharmacy, Amravati. • Webinar on" Career Opportunities in Pharmacy, by Dr. Satish Polshettiwar, 2020, P. R. Pote Patil College of Pharmacy, Amravati. • One Day Seminar on Pharmacovigilance, by Mr. Pritam Bangale & Mr. Abhijeet Borate, 2020, P. R. Pote Patil College of Pharmacy, Amravati. • Vidarbha level Human Anatomy and Physiology Model Competition, 2019, P. R. Pote Patil College of Pharmacy, Amravati. • Guest Lecture on Personality Development, 2019 by Mrs, Varad Heda, P. R. Pote Patil College of Pharmacy, Amravati. • Guest Lecture on Communication Skill, 2018 by Mr. Shivaji Kuche, P. R. Pote Patil College of Pharmacy, Amravati. • Inter College HAP Model Competition & Poster Presentation, 2018, P. R. Pote Patil College of Pharmacy, Amravati. • Entrepreneurship in Pharmacy, 2018 by Prof. S. V. Kalikar, P. R. Pote Patil College of Pharmacy, Amravati. • Guest Lecture on Tuberculosis by, 2018, by Mr. Manoj H. Chaudhary, P. R. Pote Patil College of Pharmacy, Amravati. • Personality Development Guest Lecture , 2017, by Ms. Sohani Solanke, Educator T Trainer, Shri Guruvarya Foundation, Pune, P. R. Pote Patil College of Pharmacy, Amravati • First Aid Awareness, 2017 by OASIS, Amravati, P. R. Pote Patil College of Pharmacy, Amravati.

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		<ul style="list-style-type: none"> • Motivational and Inspirational Skill Guest Lecture, 2017 by Mr. Sachin Mendhi, P. R. Pote Patil College of Pharmacy, Amravati. • Neutraceuticals – Challenges and Opportunities, 2017, Dr. D. Y. Patil Institute of Pharmaceutical Sciences and Research, Pimpri, Pune. • Recent Trends in Film Coating and Modified Release Technology, 2014, Dr. D. Y. Patil Institute of Pharmaceutical Sciences and Research, Pimpri, Pune. • Emerging Challenges and Trends in Dosage Form Design, 2014, Dr. D. Y. Patil Institute of Pharmaceutical Sciences and Research, Pimpri, Pune. • Current Research on Application of Nanotechnology in medicine, 2013, Dr. D. Y. Patil Institute of Pharmaceutical Sciences and Research, Pimpri, Pune. • Advanced Drug Design & Development: A Medicinal Chemistry Approach, 2013, Dr. D. Y. Patil Institute of Pharmaceutical Sciences and Research, Pimpri, Pune. • Eudragit Polymers as a Coating Material, 2013, Dr. D. Y. Patil Institute of Pharmaceutical Sciences and Research, Pimpri, Pune. • Current Approaches in Bioavailability and Bioequivalence Studies, 2013, Dr. D. Y. Patil Institute of Pharmaceutical Sciences and Research, Pimpri, Pune. • HPTLC- Instrumentations and Applications, 2012, Dr. D. Y. Patil Institute of Pharmaceutical Sciences and Research, Pimpri, Pune. • Structural Elucidation of Organic Compounds – UV, IR, NMR and Mass spectral Interpretation, 2012, Dr. D. Y. Patil Institute of Pharmaceutical Sciences and Research, Pimpri, Pune. • Recent Advances in Pharmacological Research, 2011, Dr. D. Y. Patil Institute of Pharmaceutical Sciences and Research, Pimpri, Pune.
Consultancy Provided		<ul style="list-style-type: none"> • Provides training on Tablet Compression machine. • Provides training on Tablet Coating Machine. • Provides training on Freeze Dryer. • Demonstrated and provided training on Extrusion and spheronizer. • Provides training of Pelletisation technique and coating of Pellets.