







Name : Dr. Darshan R Telange
Designation : Assistant Professor
Qualification : M. Pharm., Ph.D.
Specialization : Quality Assurance
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Phone : +91-8698122949
Experience : 10 years 05 months

Presently working as Assistant Professor at Datta Meghe College of Pharmacy, DMIMS (DU), Wardha since Dec 2021 to till now. Worked as Assistant Professor and Academic Research Coordinator at Rajarshi Shahu College of Pharmacy, Buldana (Jan 2019 – Dec 2021); Also served as Assistant Professor at Smt. Kishoritai Bhoyar College of Pharmacy since (Aug 2015 – Jan 2019); Worked as a Ph.D. Research Scholar at University Department of Pharmaceutical Sciences, RTMNU, Nagpur (Jan 2013 – July 2015); Moreover, He has also worked as Assistant Professor at Kamla Nehru College of Pharmacy (Dec 2011 – Feb 2013); He also worked as Assistant Professor at School of Pharmacy & Technology Management, Shirpur campus (July 2010 – July 2011); He also worked as IPQA officer at Unijules Life Sciences (Injectable Division) since (June 2009 – June 2010).

Research areas:

- Phytosomal formulations
- Nano micelles as targeted drug delivery system
- Solid dispersion (binary and tertiary)
- Solid-state characterization

Research

- ✓  <https://scholar.google.com/citations?hl=en&user=EeiugIEAAAAAJ>
- ✓  <https://www.researchgate.net/profile/Darshan-Telange>
- ✓  <https://orcid.org/0000-0003-3016-8237>
- ✓  <https://vidwan.inflibnet.ac.in/profile/283820>

- Publications: 31 (International: 26, National-05)
- Books: 02
- Book Chapters: 02
- Patents: 03 (02 Published, 01 filed for examination)
- Copyrights – 02 (submitted)
- Presentations: 18 (International: 11, National: 07)
- Private funded projects: 02
 - **Completed:** Design and development of herbal formulations for the treatment of acne, Total amount: 1,85,000/- (Principal Investigator)
 - **Completed:** Enhancement of ocular permeability and bioavailability of flavonoids via phytosomes approach (Principal Investigator)
- Industry projects
 - **Completed:** Exploring flavonoid – phospholipids complex for improved solubility, bioavailability, and anti-Alzheimer potential of flavonoids, Central India Pharmaceuticals, Nagpur, total amount: 45,000/- (Principal Investigator)
- **Conferences/Workshops/Seminars attended- 10**

Academic activities

- He has guided 27 M. Pharm students (Pharmaceutics and Quality Assurance) in their research projects

Awards & Achievements

- Received “**Best Research Paper Award 2021**” for the research paper published in **Drug Delivery and Translational Research (IF: 4.61), Springer.**
- Received “**Young Researcher Award 2020**” from Institute of Scholar Academy, Bangalore, 2021.

- Received “**Best Oral Presentation Award**” for PG research work in SRDHS international conference held at Dadasaheb Balpande College of Pharmacy, 13th – 14th Feb. 2020.
- Received “**Best Manuscript Award**” for Ph.D. published research paper in “Journal of Excipients and Food Chemicals, 2018.
- Received “**Doctoral fellowship**” from Nagpur University and Suresh Kare Indoco Foundation Fellowship for Ph.D. research work, 2013 – 2015.
- Received “**2nd prize**” for the presented poster, National Pharmaceutical Conference, SPTM, NMiMS Shirpur Campus, Shirpur, Dhule, India, 2014.
- “**Certificate for Appreciation in Academia and Extracurricular activities**” by SVKM’s NMiMS, School of Pharmacy & Technology Management, Shirpur, Dhule, India, 2011.
- Received “**Research fellowship**” from All India Council for Technical Education (AICTE), New Delhi, India for M.Pharm., 2007 – 2009.
- **Qualified GATE – Pharmacy 2007**, with 87 percentiles

Professional Memberships

- Association of Pharmaceutical Teachers of India (APTI), since 2010, (MH/LM/1456).
- Indian Pharmaceutical Association (IPA), since 2011, (MAH/JAL/OM/0014).

Recent Publications

- **Telange D. R., Pethe A. M.**, “Calcium ion – sodium alginate – piperine based microspheres: Evidence of enhanced encapsulation efficiency, bio-adhesion, controlled delivery and oral bioavailability of isoniazid” **AAPSP PharmSciTech (Impact factor: 3.24).**
- **Telange D. R.**, “Lymphatic transport system to circumvent hepatic metabolism for oral delivery of lipid-based nanocarriers.” **Journal of Drug Delivery Science and Technology (Impact factor: 3.98).**
- **Telange D.R., Pethe A. M.**, “Use of combined nanocarrier system based on chitosan nanoparticles and phospholipids complex for improved delivery of ferulic acid”. **International Journal of Biological Macromolecules (Impact factor: 6.95).**

- **Telange D.R., Pethe A. M,** “Egg white protein carrier- assisted the development of solid dispersion for enhancement of aqueous solubility and permeability of poorly water-soluble hydrochlorothiazide”. **AAPS Pharm SciTech (Impact factor: 3.24).**
- **Telange D.R., Pethe A. M,** “Phospholipid’s complex – loaded self – assembled phytosomal soft nanoparticles: evidence of enhanced solubility, dissolution rate, ex vivo permeability, oral bioavailability, and antioxidant potential of mangiferin”. **Drug Delivery and Translational Research (Impact factor: 4.61).**
- **Telange D.R., Pethe A.M.,** “LIPOID SPC-3 based coprecipitates for the enhancement of aqueous solubility and permeability of ranolazine”. **Journal of Pharmaceutical Innovation (Impact factor: 2.5).**
- **Telange D.R., Pethe A. M.** “Supramolecular complexes of phospholipids and β -cyclodextrin with bioactive β -carotene: A comparative physico-chemical and functional evaluation”. **Indian Journal of Pharmaceutical Education and Research (Impact factor: 0.501).**
- **Telange D.R.,** Pethe A. M, Dave V. S. “Glucosamine – HCl based solid dispersions to enhance biopharmaceutical properties of acyclovir”. **Journal of Excipients and Food Chemicals (Impact factor: 3.4).**
- **Telange D. R.,** Pethe A.M. “Enhanced transdermal permeation and anti-inflammatory potential of phospholipids complex-loaded matrix film of umbelliferone: formulation development, physico-chemical and functional characterization”. **European Journal of Pharmaceutical Sciences (Impact factor: 4.61).**
- **Telange D. R.,** Dave V.S. “Pentaerythritol as an excipients/solid dispersion carrier for improved solubility and permeability of ursodeoxycholic acid”. **Journal of Excipients and Food Chemicals (Impact factor: 3.4).**
- **Telange D. R.,** Dave V.S. “Drug-phospholipids complex-loaded matrix film formulation for the enhanced transdermal delivery of quercetin.” **Journal of Excipients and Food Chemicals (Impact factor: 3.4).**
- **Telange D. R.,** Dave V.S. “Formulation and characterization of apigenin – phospholipids complex (APLC) for improved solubility, in vivo bioavailability and antioxidant potential”. **European Journal of Pharmaceutical Sciences (Impact factor: 4.61).**

- **Telange D. R.,** Dave V.S. “Kaempferol-Phospholipids Complex: Formulation, and Evaluation of Improved Solubility, *In vivo* Bioavailability, and Antioxidant Potential of Kaempferol”. **Journal of Excipients and Food Chemicals (Impact factor: 3.4).**
- **Telange D. R.,** Patil T. A. “Development and validation of UV spectrophotometric method for the estimation of kaempferol in kaempferol – HSPC complex”. **Pharmaceutical methods (impact factor: 0.49).**