



Name : Ms. Pranali G. Shastrakar
Designation : Assistant Professor
Qualification : M. Pharm, PhD (Pursuing)
Specialization : Pharmacology
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Phone : 7218244414
Experience : 2.5 year

Pranali Shastrakar is currently working as a lecturer in Pharmacology department at Datta Meghe College of Pharmacy from 8th Aug 2022. She completed her B Pharmacy and M Pharmacy from R. C. Patel Institute of Pharmaceutical Education & Research, Shirpur. She is an enthusiastic person with having an interest in the research field. She worked on the research project in masters on the Preclinical evaluation of Bergamot Essential oil in 6-OHDA & Haloperidol induced mouse model of Parkinsons Disease. She also has one year experience as a teaching assistant in RCPIPER, Shirpur. She performed various animal studies like Antipyretic, Anti-inflammatory. Performed acute toxicity study of GAYATRI AYUPHARMA PVT. LTD. products
AXX-GOLD CAPSULE, GARGO G GARGLE LIQUID, GESIZYME SYRUP, IMMUGRO CAPSULE, UROPROSTY CAPSULE.

Technical Skill: Excellent skill in animal handling (Mice, Rat). Expert in various route of dose administrations such as IV, IP, SC, IM, ID and oral. She is also expert in euthanasia method (cervical dislocation, using anesthetics). Good experimental hand in animal surgeries like Stereotaxic Surgery on mice brain. Isolation of whole-body organs & also expert in various blood

collection methods with tissue. ICV Cannulation and Jugular vein Cannulation.

Worked on different instruments like Stereotaxic apparatus, Microplate reader, (ANY MAZE) video tracking system), Analgesiometer, Actophotometer, Rotarod, High speed cooling centrifuge, OFT, FST.

Well versed with software like Graph pad Prism latest version 8.0.2 (263), Motic Image Plus 2.0

Conferences/seminars/workshops:

- **International:** AICTE, New Delhi Sponsored Two Days International Conference (Online) “3-D Printing in Pharmaceutical and Medical Applications” 7th & 8th February 2022
- **National:** Participated in AICTE, New Delhi sponsored Two-Day National Conference On Quality by Design (QbD) Approach as Perspective Software Assisted Pharmaceutical Tool for Development of Novel Drug Delivery System: Regulatory Guidelines & Current Status. (2022)
- Infokart India Pvt. Ltd., New Delhi & Lexicomp sponsored Two Day Hands-on Workshop Systematic Review and Meta-analysis in Biomedical Research (SRMBR-2022).
- Participated National conference on Research & Therapeutic in Medicinal (Drug) Chemistry.
- Participated communication and personality development training at R. C. Patel, Shirpur, Dhule.
- Participated National Conference on Emerging Prospect in Pharmaceutical Industry, PHARMMEET- 2019, organized by MITCON institute of management.
- Participated as Presenter at National Symposium on Herbal Medicine.
- Participated as a Delegate in one day workshop on TARGET GPAT 2019.
- Participated state level seminar on "Fundamental of Intellectual Property Rights, patent: present perspectives".

PUBLICATIONS

- First Author Review article published in IJPQA ; A Review of Botanical Aspects and Various Pharmacological Actions of Bergamot (*Citrus bergamia*) Essential Oil.
- First Author Review article published in Annals of phytomedicine ; An overview of the various medicinal plants used in the treatment of Parkinson's Disease.

- First Author Research article published in Annals of phytomedicine; Hypoglycemic activity of combined dried powder of *Andrographis paniculata* (Burm.) Nees whole plant and *Gymnema sylvestre* R. Br. leaves in experimental rat mode.
- One Copyright published under the copyright office, Government of India ; Depiction of multipath mechanism of action of polyherbal combination for Parkinsons Disease.

Research Area: Neuroscience

