



Name: Dr. Deepali Kaduskar

Designation: Professor

Qualification: M. Pharm, Ph.D.

Specialization: Pharmaceutics

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Experience:

12 Years of academic and research experience in Pharmaceutical technology mainly formulation development with a leading Pharma Management institute in Mumbai. During this period guided 30+ post graduate students for the dissertation for the degree in Pharmaceutics. Recent research work includes synthesis and characterization of bioactive glass, its application in drug delivery mainly regeneration of bones with controlled drug delivery. The scaffolds were prepared by additive manufacturing (3D printing) with successful formulation of bioink. Application of bioactive glass in dentistry especially in implants. Studies of polymer composition and properties for 3D printing of pharmaceutical dosage forms for oral administration of personalized medicines.

Research areas:

Dosage form development

3D printing

Bioactive glass implants

Research:

Publications: 06

Patents: 03 (filled for examination)

Presentations: 11 national and international (03 oral, 08 poster)

Industry projects: 02

Conferences/ workshops/ seminars attended: 17

Academic activities: Guided 32 M. Pharm students (institute and industry)

Awards and achievements:

Received best oral presentation award for paper titled synthesis of 5-fluorouracil (5FU) loaded mesoporous silica nanoparticles (MSN) for photodynamic therapy (PDT) 69th IPC Chitkara University, Chandigarh, 22-24 December 2017.

4 M. Pharm students won Best research award at university convocation.

Received travel grants from Department of Biotechnology, Govt. of India, for presenting research papers at international conferences

Received Mahindra talent scholarship in M. Pharm for securing First Position in University

Qualified GATE 1999

