

**Dr. (Mrs.) JESSY SHAJI**

**Designation:** Professor

**Date of Joining:** 08/01/1985

**Email Id:** jessy.shaji@gmail.com

**Research areas:**

1. Designing of Pharmaceutical Dosage forms for improving bioavailability including Novel and Modified release dosage forms, Targeted Drug Delivery Systems, Scale up of formulations and Process optimization.
2. Engineering of nano particulate ( Polymer/Lipid/Gold) Drug Delivery Systems for RA/OA, Cancers, Infectious diseases as TB, malaria, viruses.
3. Designing of Cosmeceuticals, Scale up and Process optimization.
4. Water foot print of fast moving Cosmetics and Grey water recycling.

**Educational Qualifications:**

Degree	University	Year
Ph. D	Mumbai University	2002
M. Pharm	Bangalore University	1984
B. Pharm	Karnataka University	1982

**Courses Taught:** Pharmaceutics, Advanced Pharmaceutics, Drug Delivery systems Biopharmaceutics, Pharmaceutical Technology, Packaging Technology, Dispensing Pharmacy Pharmaceutical Jurisprudence, Hospital Pharmacy, Clinical Pharmacy, Cosmeceuticals.

**Research outputs:**

1. **Publications:** National: 19 International: 54  
(In indexed peer reviewed Journals.)
2. **Presentations:** Published in abstract books/ Presented **160** papers Nationally and Internationally.
3. **Patents :** Filed one patent ( Studies on gelisphear matrices).

**Conferences Attended:** a) National: 20 b) International: 15

**Projects undertaken:**

1. Pellets, Micro sponges, Granules funded by Tureen Specialty Ingredients Pvt Ltd.
2. Multi particulate System, Granulation Taste masking and improvement of BD funded by Kancor Fl. and Extension Ltd.
3. Iontophoretic Drug Delivery System funded by AICTE(RPS).
4. Floating drug delivery system for Clarithromycin funded by MU(APD).
5. Self Micro emulsifying Ibuprofen Pellets For Fast Pain Relief funded by MU(APD).
6. Development and Evaluation of Floating Pulsatile Microspheres of Aceclofenac for Rheumatoid Arthritis funded by MU(APD).
7. Development of novel solid lipid nanoparticles (SLN) for the Treatment of Rheumatoid Arthritis and delivery by a combination of Transdermal route and Iontophoresis funded by UGC(MRP).
8. Upgradation of Analytical Facilities for Formulation and Development and characterization of Nano-sized Drug delivery Systems funded by AICTE (MODROB).
9. Novel Vesicular Carrier “Transethosomes” for enhanced delivery of Osteoarthritis funded by MU(APD).
10. Stability studies of seven food samples funded by Gitco Traders.
11. Preparation and characterization of 5-FU Transethosomes for skin cancer funded by MU(APD).

**Membership of Professional Bodies:** Life Member of ISTE: LM 7982 dated 14<sup>th</sup> Dec 1990.

- Life Member of IPA: MAH/BOM/LM/589 dated Dec 2000.
- Life Member of PCI: No. 16562 dated 24<sup>th</sup> Apr 1985. FID No. KMKAST000003.
- Life Member of APTI: MA/LM-473 dated 24<sup>th</sup> Mar 2003.
- Referee for : IJPS, IJPER, AJP, HPC DDIP and Bentham Science Publications.
- Invited member of American Nano Society.  
(<http://members.nanosociety.us/SHAJI526>)
- Inspector appointed by AICTE for inspection of Institution and Universities all over India.
- Nominee of vice chancellor for appointment of teachers of Mumbai.
- Biography included in Marquis Who'sWho in the World<sup>®</sup> 2011, 28<sup>th</sup> Ed, NJ, U.S.A; VIP NUMBER:35307336 in the field of Pharmacy and allied fields under the section of Science and Engineering with specialization in Pharmacy Education.