



Name of Faculty: Dr. Shama Aphale

B. Pharm, M.Sc. Health Sciences, PhD (Biotechnology)
Assistant Professor, Dept. of Pharmaceutical Biotechnology

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AICTE Unique Id:1-9517625553

Research Interests: Cancer, Osteoarthritis, Ayurvedic Research, Development of Animal Cell Culture Based Assays, Pharmacogenomics

Academic Experience: 16 years

Subjects Taught: Microbial and Cellular Biotechnology; Bioprocess Engineering and Technology; Immunotechnology, Biological Evaluation of Drug Therapy, Practical I, II

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Google Scholar Citations: 100 h-index: 4 i10-index: 3

Professional Network: (Any of the following)

LinkedIn – <https://www.linkedin.com/in/shama-aphale-a4565411>

You Tube link – https://youtube.be/q_PAJPtGh0

Research Profile:

Publications: 6 International: 6 National: Nil

Book Chapters: 1

Publications (3 BEST ones with details)

1. **Aphale, S.**, et al., 2021. Panchvalkala, a traditional Ayurvedic formulation, exhibits antineoplastic and immunomodulatory activity in cervical cancer cells and C57BL/6 mouse papilloma model
2. **Aphale S.**, et al., 2018. Phytochemical standardization of Panchavalkala: An Ayurvedic formulation and evaluation of its anticancer activity in cervical cancer cell lines, Pharmacognosy Magazine, 14(58):554. (IF: 1.31)
3. Jadhav V., **Aphale S.**, et al., Studies on biosurfactant from Oceanobacillus sp. BRI 10 isolated from Antarctic sea water, Desalination, Vol 318, (3):64. (SCIE/SSCI IF:7.576)

Research Projects:

1. Project type, Agency, Funding amount, Duration and Status (Completed/Ongoing)

Consultancy:

Collaborations:

Administrative Profile : Approved PG Teacher