



SAVITRIBAI PHULE PUNE UNIVERSITY

Department of Scientific Computing,
Modeling & Simulation (SCMS)

Sub.: Certificate of Collaboration

07/10/2021

To whomsoever it may concern

This letter puts on record that the collaborative research work was carried out jointly by the researchers mentioned below:

- **Krishnkumar Gupta** (Student) and **Prof. Kiran M. Kolwankar**, both at Department of Physics, Ramniranjan Jhunjhunwala College, Mumbai 400086, India
- **Aditya K. Dharmadhikari** at Department of Nuclear and Atomic Physics, Tata Institute of Fundamental Research, Mumbai 400005, India
- **Jayashree A. Dharmadhikari** at Raman Research Institute, Bangalore 560080, India
- **Bhalchandra Gore**, at Department of Scientific Computing, Modeling & Simulation, Savitribai Phule Pune University, Pune 411 007, India.

The collaboration was fruitful and a research publication *Laser-driven Marangoni flow and vortex formation in a liquid droplet* Phys. Fluids, Vol. 32, 121701 (2020) has resulted from its outcome.

With the hope to work collectively again with this team,

Sincerely,

Bhalchandra Gore
Assistant Professor