



2-Day Hands-on Training Program on Photoacoustic & Ultrasound Imaging Platform 14 – 15 March, 2024



**Organised by: Sophisticated Analytical & Technical Help Institute (SATHI)
Banaras Hindu University**

Training Highlights

1. Working Principal of Photoacoustic Imaging Platform and its application in various disciplines of Science, Engineering, and Technology.
2. Live demo / Hands-on Training on Sample Preparation for Photoacoustic and ultrasound Imaging Platform.
3. Live demo / Hands-on Training on Photoacoustic and ultrasound Imaging on Data acquisition, Processing, and Presentation.
4. Live demo / Hands-on Training on Small animal imaging for brain function and quantification and assessment of oxy and deoxy-hemoglobin. Pathological thrombus leading to heart attack and stroke. Real-time assessment of functional data such as oxygen saturation, contrast agent distribution, pharmacokinetics and more Fusion of ultrasound with nonlinear contrast, Doppler and photoacoustic modes

Who should attend:

- Faculty / Researcher / Scientist from Department of Chemistry, Chemical Engineering, Material Science, Physics, Bio-Chemistry, Biology, Bio-Physics, Pharmaceuticals and Pharmacokinetics, Pharmaceutical Chemistry, Pharmacology, and Pharmacy practice etc.

Convenor:

Prof. Abhijit Mandal

Department of Radiotherapy & Radiation Medicine,
Institute of Medical Sciences, Banaras Hindu University

Resource Person:

Dr. Shripad Bangale

Regional Application Specialist, Asia Pacific & Middle East
Region- VisualSonics FUJIFILM Asia Pacific, Singapore



- Registration Fee: **Rs. 2000 + 18% GST**
- **Online Registration link:** <https://forms.gle/xksExYefBQDZNgpj7>
- For any query please write us: sathi-bhu@bhu.ac.in
- Last date of registration: **10th March 2024**