BIO - SKETCH

Name : **Dr. Omprakash Gottam**

Designation : **Assistant Professor**

Total Experience : NA

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Specialization	Computational tomography, Signal Processing, Reconstruction algorithms
Academic Qualification	B.Tech from Koneru Lakshmaiah College of Engineering 2011 (Affiliated to ANU)
	M.Tech from IIT Kanpur (2013)
	PhD from IIT Kanpur (2023)
Total Teaching Experience	

Publication Details

International Journals:

Omprakash Gottam, Naren Naik, Prabodh Kumar Pandey, and Sanjay Gambhir. "RBF level- set based fully-nonlinear fluorescence photoacoustic pharmacokinetic tomography."*Inverse Problems in Science and Engineering* (2021): 1-34.

Omprakash Gottam, Naren Naik, Sanjay Gambhir, "Parameterized level-set based pharmacokinetic fluorescence optical tomography using the regularized Gauss-Newton filter", *Journal of Biomedical Optics* 24(3), 031010 (10 October 2018).

Prabodh Kumar Pandey, Omprakash Gottam, Naren Naik, and Asima Pradhan. "Gradient-based one-step fluorescence photoacoustic tomography."*Applied optics* 59, no. 14 (2020): 4357-4366.

Prabodh Kumar Pandey, Omprakash Gottam, Naren Naik and Asima Pradhan. "Comparative study of one-step and two-step quantitative fluorescence photoacoustic tomography" *Applied Optics* Vol 58, pp3116-3127 (2019).

Omprakash Gottam, Naren Naik, Prabodh Kumar Pandey, and Sanjay Gambhir. "Gradient filter reconstruction approach to fluorescence photoacoustic based pharmacokinetic tomography." In *European*

	Conference on Biomedical Optics, pp. ES1C-2. Optical Society of America, 2021.
	Omprakash Gottam, Naren Naik, Prabodh Kumar Pandey, and Sanjay Gambhir. "RBF level-set based fluorescence photoacoustic pharmacokinetic tomography." In *Computational Optical Sensing and Imaging*, pp. JF4E-7. Optical Society of America, 2020.
	Omprakash Gottam, Naren Naik, Prabodh Kumar Pandey, and Sanjay Gambhir. "RBF level-set based fluorescence photoacoustic pharmacokinetic tomography." In *Computational Optical Sensing and Imaging*, pp. JF4E-7. Optical Society of America, 2020.
	Omprakash Gottam, Naren Naik, Sanjay Gambhir, "Shape based pharmacokinetic fluorescence optical tomography", Proc. SPIE 10711, Biomedical Imaging and Sensing Conference, 107110M (24 April 2018), Yokohama, Japan;
Awards & Honours	
	Workshop on Optimization with PDE Constraints . 25 Nov to 6 Dec,2013, TIFR-CAM, Bangalore

Workshops / Seminars / Conferences / Training Programs Attended	Advanced Instructional school on Theoretical and Numerical Aspects of Inverse Problems . 16 Jun to 27 Jun,2014, TIFR-CAM, Bangalore
	Participated in the theme meeting on X-ray micro-imaging using synchrotron radiation and its applications 14-16 Sept, 2017, RRCAT, Indore
	Biomedical Imaging and Sensing Conference, Yokohama, Japan, 2018
Workshops / Seminars / Conferences / Training Programs Conducted	