

Name of the Staff : Prof.(Ms.) Mangal S. Dandekar

Designation : Assistant Professor

Department : Biomedical Engineering

Date of Joining the Institution : 5.7.2007

Qualifications with Class / Grade : 1. M.S. (Biomedical Engg.) May 2003, University of Toledo, Ohio, USA GPA 3.7/4.0.  
2. B.E (Biomedical Engg.) October 1998, 1<sup>st</sup> Class (63.5%) distinction in the final year, University of Mumbai.

Total Experience in Years : **Teaching: 6 years**

1. Assistant Professor, D.J. Sanghvi College of Engineering from 5.7.2007 till date.
2. Lecturer, Thadomal Shahani Engineering College from 1.1.2000 to 15.8.2000.
3. Lecturer, Watumull Institute from 2.8.1999 to 31.12.1999.

**Industry: 1 year 1 month**

1. Sales–service Engineer, Surya Medical Service from 10.06.1998 to 30.8.1998.
2. Service Engineer, Life care devices Pvt. Ltd. from 1.9.1998 to 31.7.1999.

**Research: 5 years 5 month**

1. Research Assistant, Micro fabrication lab, University of Memphis, Tennessee from 31.8.2000 to 15.7.2001.
2. Research Assistant, Neuroscience Lab, Univ. Of Toledo, Ohio from 16.7.2001 to 15.5.2003.
3. Life Science Research Assistant, Radiology Department, Stanford University from 20.1.2004 to 30.9.2006.

Papers Published : **National:** --

**International: 4**

1. Reproducibility of 3’Deoxy-3’-18F- Fluorothymidine MicroPET Studies in Tumor Xenografts in Mice. Tseng JR, Dandekar M., Subbarayan M., Cheng Z, Park J.M, Louie S, Gambhir SS. J Nucl Med.2005;46(11): 1851-1857. PubMed PMID: 16269599. (Radiology Dept. Stanford University).
2. Reproducibility of 18F-FDG MicroPET studies in mouse tumor xenografts. Dandekar M, Tseng Jr, Gambhir SS. J Nucl Med 2007 Apr; 48(4): 602-7. PubMed PMID: 17401098. (Radiology Dept. Stanford University).
3. Preclinical efficacy of the c-Met inhibitor CE-355621 in a U87 MG mouse xenograft model evaluated by 18F-FDG small-animal PET. Tseng JR, KW, Dandedkar M, Yaghoubi S, Lee JH, Christensen JG, Muir S, Vincent PW, Michaud Nr, Gambhir SS. J Nucl Med. 2008 Jan;49(i): 129-34 Epub 2007 Dec 12. PubMed PMID: 18077531 (Radiology Dept. Stanford University).



Papers Published	:	4. Small-animal PET of Melanocortin 1 receptor expression using a 18F-labeled alpha-melanocyte-stimulating hormone analog. Cheng Z, Zhang L, Graves E, Xiong Z, Dandekar M, Chen X, Gambhir SS. J. Nucl Med. 2007 Jun;48(6): 987-94. Epub 2007 May 15. PubMed PMID: 17504880. (Radiology Dept, Stanford University).	
Papers Presented in Conferences	:	<b><u>National:</u></b>	--
		<b><u>International:</u></b>	--
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Awards	:		--
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