

**UNIVERSITY INSTITUTE OF ENGINEERING & TECHNOLOGY  
PANJAB UNIVERSITY, CHANDIGARH - 160014**

**FACULTY PROFILE**

1. Name : Nidhi
2. Designation : Assistant Professor
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6. Research Areas : Digital System Design, Computer networks,  
Biomedical
7. Educational Background :



Degree	Institute Name	Year of Passing
B.Tech (ECE)	Kurukshetra University	2003
M.Tech(ECE)	Rajasthan University	2006
Ph. D	Panjab Technical University	Enrolled

8. Experience:

Designation	Institute Name	Duration
Assistant Professor	UIET, PU, South Campus	17-10-2008 to till date.
Senior Lecturer	Chitkara Institute of Engg & Technology Rajpura	03-07-2006 to 16-10-2008
Lecturer	Swami Devi Dyal Institute of Engg. & Technology, Barwala	08-03-2004 to 30-06-2006

9. List of Publications:

Journals

- 1 Hardeep Kaur, Nidhi Garg, "Inspection of Defective Pharmaceutical Capsules using Harris Algorithm", *International Journal of Advances in Electronics Engineering*.
- 2 Sabina and Nidhi Garg, "ADAPTIVE MULTI THRESHOLDING FOR BREAST CANCER STEM CELL DETECTION- A REVIEW". *International Journal of Innovative*

*Research in Science, Engineering and Technology (IJIRSET)* . Vol. 2, Issue 3, March 2013, pp. 691-696 ISSN: 2319 – 8753.

3 Jasmine, Nidhi Garg , Nipun Kumar,” Analysis of Packet loss and Throughput In Heterogeneous Mobile Ad-hoc Networks over UDP”. *International Journal of Scientific & Engineering Research*. Volume 4, Issue 6, June 2013, ISSN: 2229-5518.

4 S Kumar, N Garg, ”Integrated Data Hiding and Lossless Image Compression based on SMVQ and Image Inpainting,” *International Journal of Science and Research (IJSR)*,pp. 2321-2323, ISSN (Online): 2319-7064

5 J Kaur, N Garg, D Kaur, “Segmentation and Feature Extraction of Lung Region for the Early Detection of Lung Tumor,” *International Journal of Science and Research (IJSR)*, pp. 2327-2330 ISSN (Online): 2319-7064

6 Jaspinder Kaur, Nidhi Garg, Daljeet Kaur, “A survey of Lung Cancer Detection Techniques on CT scan Images,” *International Journal of Scientific & Engineering Research*,Volume 5, Issue 6, June-2014 ,pp. 377-380, ISSN 2229-551

7 Kumar Sandeep, Garg Nidhi,”A Survey on Joint Data-Hiding and Compression Techniques based on SMVQ and Improved Locally Adaptive Coding Method,” *International Journal of Computer Applications*, vol. 96, issue 20, pp. 23-25,June 2014

#### Conferences

1 Hardeep Kaur, Nidhi Garg “Inspection of Defective Pharmaceutical Capsules using Image Processing Techniques”, Paper Published in Proceedings of National Conference cum workshop at RTMC-2011.

2 Hardeep Kaur, Nidhi Garg “Image Processing Techniques for detection of defective Pharmaceutical Capsules”, in Chandigarh Science Congress (CHASCON-2011), Panjab University, Chandigarh, February 26-28, 201, pp. ES-336-ES338.

3 Jasmine , Nidhi Garg, “Implementation and analysis of fragmentation of MPEG-4 Traffic in NS-2 integrated with Evalvid”. National level conference on Recent Trends In Information & Communication Technologies at CT Institute of Engineering, management & Technology, Jalandhar.(PTU),January 2-3, 2013, pp. 69-70.

