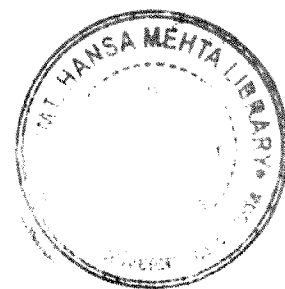


**Conference  
Workshop  
and  
Award**



## Chapter 8

# Conference, Workshop and Award

### 8.1 Conference Attended and Paper Presentation

1. *International Symposium on Quantum optics 2006* held at Physical Research Laboratory, Ahmedabad during 24th - 27th July 2006.

Poster presentation on "Spectral Correlation Properties of the Auto Fluorescence of Normal, Cancer & Benign Human Breast Tissues".

2. *National Seminar on Emerging Trends in Physics Education and Experimental Physics* held at Tenali, Andhra Pradesh under the aegis of UGC - New Delhi, Atomic Energy Regulatory Board - Mumbai and APCOST - Hyderabad on 27th & 28th October 2006.

Oral presentation on "Diagnosis of Human Breast Cancer through the Spectral Correlation Properties of Polarised Fluorescence".

3. *National Laser Symposium NLS-07* held at M.S. University of Baroda during 17th-20th December 2007.

## 8.1 Conference Attended and Paper Presentation

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Poster presentation on "Characterizing Normal, Cancer and Benign Human Breast Tissues Fluorescence Spectra through Wavelet Transform".

4. *Conference on "Optical Biopsy VII"* as a part of *SPIE Symposium on Biomedical Optics (BiOS) 2008* held at San Jose Convention Centre, CA, USA during 19th -25th January 2008.

Oral presentation on "Characterisation of Cancer and Normal Tissue Fluorescence through Wavelet Transform and Singular Value Decomposition".

5. *Saratov Fall Meeting, SFM'08, Russia* held during 23rd-26th September'08.

Presented Internet paper on-line on "Comparing spectral fluctuations between Laser and Lamp tissue auto fluorescence data".

6. *International conference of fibre optics and photonics "PHOTONICS 2008"* held at IIT, New Delhi, India during December 13th-17th 2008.

Poster presentation on "Character of the spectral variations in cancer, normal and benign tissues".

7. *Conference on Dynamics and Fluctuations in Biomedical Photonics VI*", which was a part of *SPIE symposium on Bio Medical optics (BiOS) 2009* at San Jose California, USA, between 24th - 29th January 2009.

Oral presentation on "Comparing spectral features of normal and cancerous human breast tissues with laser and lamp as excitation sources".

8. *Conferences on Biomedical Optics (ECBO)* at Munich, Germany, between 14th-18th June 2009.

## 8.2 Workshop Attended

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Oral presentation on "Characterizing Fluorescence Spectral features of Cancer, Benign and Normal Human Breast Tissues through Wavelet Transform and Singular Value Decomposition".

9. *Saratov Fall Meeting, SFM'09, Russia* held during 23rd-26th September'09.

Presented Internet paper on-line on "Comparing polarized spectral features of human breast tissues in wavelet domain".

10. *Saratov Fall Meeting, SFM'09, Russia* held during 23rd-26th September'09.

Presented Internet paper on-line on the subject of "Study of the spectral variations of auto fluorescence in cancer and normal tissues using lamp as an excitation source".

11. *Conference on "Dynamics and Fluctuations in Biomedical Photonics VII"*, which was a part of *SPIE symposium on Bio Medical optics (BiOS) 2010* at San Francisco, California, USA, between 23rd - 28th January 2010.

Oral presentation on "Characterizing polarized autofluorescence of normal and benign tissues using singular value decomposition and wavelet transform".

## 8.2 Workshop Attended

1. *Awareness workshop of UGC-DAE-CSR* held at CIAS, Changa during 8<sup>th</sup> – 9<sup>th</sup> January 2009.

2. *Indo-French Workshop on Biomedical applications of Vibrational Spectroscopy and Imaging*" organized by the Indo French Centre

during February 13 to 15, 2010, at Fortune Select Exotica, Navi Mumbai, India.

Poster presentation "Analysis of the spectral variations of auto fluorescence in cancer, benign and normal human breast tissues using lamp as an excitation source".

### 8.3 Award

1. Received *Hari Ohm Ashram Prerit Shri Bhaikaka Inter-University Smarak Trust Award* for Best Research Paper "Characterizing breast cancer tissues through the spectral correlation properties of polarized fluorescence" in Physics for the year 2008-2009.