

Naresh Kumar Chaudhary

Type 3/11 New Teacher's Colony,
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Objective: To gain Knowledge and Share it With Others.

Academic Education:

- Doctor of Philosophy Degree from the Lucknow University, Lucknow in the year of 2006 on Topic "*Fiber probe Design To Study Optical Properties of Normal and Malignant Tissues with Application to Medical Imaging.*"
- Master of Science in Electronics from the Lucknow University, Lucknow in the year of 2000
- Bachelor of Science (Electronics) Degree from the Lucknow University, Lucknow in the year of 1998

Professional Excellence Summary:

- Posses about five years experience as Assistant Professor in the field of education (both teaching and administrative)
- Thorough understanding of the subject with ability to convey the same to the students
- Good communication and comprehension abilities
- Posses knowledge about the internal administrative tasks that are performed within institutions

Professional Experience:

Dr. Ram Manohar Lohia Avadh University, Faizabad (2006-Present)
Assistant Professor

- Conducted the subject lectures regularly, keeping an eye on the understanding of the students.
- Carried out practical sessions with explanation about the purpose of the experiment and the procedures that follow to seek results.
- Carried out debate sessions in regular classes to help students to understand the subject better.

- Arranged expert meets for students on a periodic basis to create an interest about the subject.
- Encouraged students to build committees among themselves.
- Provided students with information outside the classroom such as the future prospects in the subject, the competitive exams, etc..

Research Publications:

Published In Journals:

- N.K Chaudhary N.Mathur and Purnima Bharti; New Approach To study Optical Properties of Normal and malignant Tissues; Journal of Microwaves and Optoelectronics pp 275-281 vol1 no2 2003.
- Naresh K Chaudhary,N. Mathur Purnima Bharti ;2D Polarization Imaging of Turbid Media; Applied Biochem Biotech 2009 159 229-298
- Ajay Singh N. Chaudhary, K Singh; Effect of Heat Treatment on Refractive Index of Polymethacrylate Films; Optoelectronics And Advanced Materials – Rapid Communications Vol. 3, No. 10, October 2009, p. 1090 – 1093
- Sumita Mishra, Prabhat Mishra, Naresh K Chaudhary, Pallavi Asthana ; A Novel comprehensive method for real time Video Motion Detection Surveillance; International Journal of Scientific & Engineering Research. pp 1-4 Volume 2, Issue 4, April-2011
- Sumita Mishra, Naresh k. Chaudhary and Kalyan Singh; Simulation and Optimization of MQW based optical modulator for on chip optical interconnect; IJCSI International Journal of Computer Science Issues, Vol. 8, Issue 3, May 2011
- A .Kr. Singh , N. K. Chaudhary, K. Singh; Fabrication and properties of Europium and Ytterbium $\text{Eu}^{3+}/\text{Yb}^{3+}$ doped polymethylmethacrylate film; Journal Of Optoelectronics And Advanced Materials Vol. 13, No. 6, June 2011, p. 672 – 674

- Sumita Mishra, Naresh K Chaudhary, Kalyan Singh: Overview of Optical Interconnect Technology; International Journal of Scientific & Engineering Research Volume 3, Issue 4, April-2012 1

Conferences/Symposia Papers:

- Novel Probe Design to Study Optical Properties of Tissues; N.K Chaudhary N.Mathur and P. Bharti; National Conference On Microwave and Optoelectronics 2004 at Aurangabad
- Backscattered Imaging Of Turbid Media; N.K Chaudhary and P. Bharti; International Conference on Optoelectronics ICOL 2005 at IRDS Dehradun
- Mueller Matrix Imaging Of Turbid Media; N.K Chaudhary and P. Bharti ; International Conference on Microwave and Optoelectronics 17-20 December 2007 ICMO 2007
- N.K Chaudhary and P. Bharti ;2D Imaging Of Turbid Media; International Conference on Microwave and Optoelectronics 17-20 December 2007 ICMO 2007
- Polarimetric Blood Glucose Measurement System; N.K Chaudhary ; Uttar Pradesh Diabetes Association Conference 21-22 Nov. 2009 UPDCON-09 at Aligarh
- Laser Assisted Blood Glucose Detection; Accepted for 3rd International conference on advance Technologies For Treatment of Diabetes to be held at Basel Switserland 10-13 Feb. 2010
- Optical Mueller Matrix Method Of Detecting Glucose Level; 4th International Conference On Advanced Technologies & Treatments For Diabetes London, UK, February 16-19, 2011

Workshops/Short Term Training Programs Attended:

- One month practical placement Training program from 19/6/1999 to 18/6/1999 at Doordarshan Training Institute; Lucknow
- Summer Project Training at Tel Bhawan ONGC Dehradoon 13/1/1999 to 22/1/1999
- 4th winter School on Indian MST Radar organized by Department of Space, Government of India.
- Course Module on Measurement Techniques from 19/3/2000 to 06/4/2000 at Nuclear Science Centre, New Delhi.

- Workshop on Physics with Homemade Equipment and Innovative Experiments at IUAC, New Delhi from 24th Sep- 29th Sep 2007
- SERC School on GPS Augmentation System and Atmospheric Corrections from 23th Nov to 13 Dec 2005
- One day workshop on Laser Tissue Interaction by Indian Laser Association at Trivandrum on 13th Nov 2002.
- PhotoSMART workshop at Institute of Radio Physics and Electronics Organized by UGC Network Resource Centre from 1st June to 18th June 2010.
- Short term course on Brihaspati-2 Installation, Management and Effective Use at IIT Kanpur from 20th June to 21st June 2009.
- Short term training program on Effective Use of Brihaspati 3at IIT Kanpur from 23rd April to 24th April 2011.
- One day Acquaintance Program of IUAC at Physics Department, Lucknow University , Lucknow on 12th Nov 2010
- Short term training Program on MATLAB Fundamentals and Applications at Gautam Buddha University Noida from 13th July to 15th July 2011.

Extra Curricular:

- Life Member of the VIGYAN BHARTI, dedicated to the promotion of Science, Engineering and Technology.
- Acquired certification from UNESCO Bangkok on Information and Communication Technology in Education under E-Learning Series on 28 January 2010.

Awards:

- Gold Medal Recipient for best research paper at Conference on Diabetes: Prevention, Cure and Management by Uttar Pradesh Diabetes Association on 22th Nov 2009 at Aligarh