

Curriculum Vitae

DR. SHOBHNA DIXIT

M. Sc., Ph.D.

Assistant Professor,
Department of Physics,
Mahamaya Govt. Degree College
Mahona, Lucknow
U.P.



Date of Joining: 19-12-2013

Teaching Experience: More than 15 Yrs

E-mail: shobhna2008@gmail.com

Tel. 9648339226

Subject Area: Physics

Specialization: Material Science

Lasers and opto-electronics

ACADEMIC QUALIFICATIONS

1. Ph. D. (Physics) from University of Lucknow, U. P. , India (2007)
2. M. Sc. (Physics) I Division from University of Lucknow, U. P., India (2001)
3. B. Sc (Physics, Chemistry, Mathematics) I Division from University of Lucknow, U. P. India (1999)

SPECIALIZATION

“Lasers and Opto-electronics” in M. Sc.

Research Area: **Material Science, Opto-electronic Humidity Sensors.**

SCHOLARSHIP

Junior Research Fellowship from Department of Science and Technology, Govt. of India from March 2005 to October 2006 under research project “Engineered prototype of a user friendly optical refractometer based compact sensor for instant determination of adulteration in petrol”.

WEBINARS

- Participated in **International webinar on Atmanirbhar Bharat: Chunautiyaan evam Samadhan** on 13 June 2022 organized by NEEV - a Social Educational Initiative of IIT alumni, HCIC, I-STEM, VPAD Delhi, CCSU Meerut and RGU Arunachal Pradesh

- Attended the national webinar on topic **“Everything about Central University Entrance Test (CUET) 2022 ”**organized by NEEV- a Social Educational Initiative of IIT alumni, HCIC Delhi, I-STEM , VPAD Delhi, CCSU Meerut and RGU, Arunachal Pradesh on May 05th , 2022.
- Attended webinar on **National Science Day (28th February, 2022) on the Topic Science Education and Metaverse** organized by NEEV - a Social Educational Initiative of IIT alumni and AWS.
- Attended the national webinar on topic **“FUTURE OF AUTOMOBILE SECTOR IN INDIA”** organized by NEEV- a social educational initiative of IIT alumni, Hindu College Innovation Council, I-STEM and Dept. of Physics, RGU, Arunachal Pradesh on July 24th , 2021.
- Participated in the **National Science Day Celebration** Organized by Department of Physics, University of Lucknow on 28th Feb 2021
- Participated as a Delegate & **presented paper on “Challenging Scenario of Teaching Physics Online in Government Degree Colleges of Rural Areas”** in the two days National e- Conference on **“Online Teaching and Learning”** Govt. Degree College, Bilaspur, Rampur on **23th - 24th January, 2021**
- Participated in the **National Level Webinar on “Effective Utilisation of ICT Tools in Conducting Online Classes”**, organized by IQAC Academy of General Education, Manipal and Bhandarkars’ Arts and Science College, Karnataka on 28-09-2020.
- Attended a webinar on **Fostering Entrepreneurship through NEP 2020** organized by the Department of Education Management, SNDT University, Juhu Campus, Mumbai on 23 Sept 2020.
- Actively participated in **“How to make an E-Quiz and Deliver E-Certificate”** Organized by Gina Devi Shodh Sansthan , Bhiwani on September 20, 2020.
- Presented a paper in the **National webinar on National Education Policy 2020: A step towards Self-Dependent India** organized by Dept. of Physics, Government Degree College, Nanauta, Saharanpur on 13 Sept 2020.
- **Participated in National Webinar on Promotion of Indian Languages, Science and Culture (with special reference of National Education Policy 2020)** organized by Government Model Degree College, Panwari, Mahoba on 2 Sept 2020.
- Participated in a webinar on **' New National Education Policy 2020 and Digital Initiatives'** on September 1, 2020 Organized by National PG College, Lucknow
- Participated in IUAC acquaintance Programme and One Day National Workshop on Accelerator Based Science Research on 16 July 2020 organised by Department of Physics and Electronics, Dr. Ram Manohar Lohia Avadh University, Ayodhya.
- Participated in the International webinar on CNC Oppurtunities and Challenges organized by Dept. of Mechanical Engineering, Raghu Engineering College, Vishakhapattanam, Andhra Pradesh on 28-06-2020.

- Participated in Online Lecture series jointly organized by Indian Association of Physics Teachers, Regional Council (Delhi and Haryana) and Delhi State Science Teachers' Forum on Wave Optics-1, Interference and Diffraction by Prof. Rajaram Nityananda, Azim Premji University, Bangalore on 27-june 2020.
- Participated in webinar on Defect Identification Using Machine Vision conducted by Raghu Engineering College, Vishakhapatnam, A. P. on 19-06-2020.
- **Webinar cum workshop of 10 days** on performing and designing **Experiments on Virtual platform** organized by MJP Rohilkhand University Bareilly in association with IIT Roorkee during 8 to 17 June 2020
- International Webinar on "Impact of Information Technology on Society During COVID 19" 13 June 2020 Organised By Department of Mathematics and Physics Govt. Degree College, Bilaspur, Rampur
- Participated in the National Webinar entitled "Impact of COVID-19 pandemic on the Environment" held on June 06, 2020 by Government Degree College, Gossaikheda, Unnao
- Participating in the International Webinar entitled "COVID-19: Challenges and Opportunities" on June 3rd, 2020 by Mahamaya Government Degree College, Mahona, Lucknow.
- **National Webinar on "Human, Health & Herbs-3H" organized by Mahila Vidyalaya Degree College, Aminabad, Lucknow on 30th May 2020.**
- Participated in the National Webinar on **"REDEFINITION OF SI UNITS AND ITS IMPORTANCE TO SCIENCE AND TECHNOLOGY"** organised by Department of Physics, Arignar Anna Government Arts and Science College, Karaikal on 30th May 2020.
- Participated AND PRESENTED PAPER in the International Webinar on Covid 19: Unprecedented Social, Cultural and Medical Challenges before humanity, 28-29 May 2020 organised by Indira Gandhi Govt. P. G. College, Bangarmau, Unnao.
- Participated in the National Webinar on **"Designing Google Forms & Integrating Certificates"** and **"Creating Website on Google Sites"** organized by Internal Quality Assurance Cell (IQAC), Department of Sociology & Department of Commerce, B. M. RUIA GIRLS' COLLEGE, MUMBAI, on 27th May, 2020.
- Participated in the National Webinar on COVID 19 EK VAISHVIK MAHAMAARI SE UTPANN CHUNAUTIYAAN EVAM UNKE SAMADHAN Organized by Govt. Degree College Bhojpur Moradabad (UP) ON 23 May 2020
- Participated in 7 day International Webinar on **Survival Strategies for post Covid 19 Era : Perspectives from Science, Technology and Social Sciences** 20-26 May 2020 organized by Ewing Christian College Allahabad in Association with Indian Association of Physics Teachers (IAPT)

- Participated in National webinar on Pandemic Covid-19 Awareness on 24 May 2020 by Sri Gulab Singh Rajkiya Mahavidyala, Chakrata, Dehradun in association with Neev.
- Participated in Muskurayega India Awareness Programme organized by NSS and Govt. P. G. College, Sambhal 18-05-2020.

AWARDS and RECOGNITIONS

- ❖ Delivered **Invited Talk** in the **International Conference on Material Science and Spectroscopy ICMSS21** on the topic **‘New Frontiers in Material Science’** organized by Maharishi University of Information Technology, Lucknow between 22-24 Sept 2021.
- ❖ Delivered **Invited Talk (Young Researcher)** in the **National e- conference on Interdisciplinary Research in Science and Technology** on the topic **‘Role of Sensors and Artificial Intelligence During the Pandemic COVID -19’** organized by Amiruddaula Islamia Degree College, Lucknow between 30-31 May 2020.
- ❖ **Edited e-souvenir** of the Proceedings of National Seminar on Recent trends in Experimental and Theoretical Physics 2013 held at Pranveer Singh Institute of Technology, Kanpur on March 2, 2013
- ❖ **Contributed in Organization of** National Seminar on Materials for Advanced Technology (NSMAT 2011) at the Department of Physics, Banasthali University in March 27-29, 2011
- ❖ **Chaired a Session** at the 16th National Seminar on Physics and Technology of Sensors (NSPTS-16) in Feb 11-13, 2011
- ❖ **BEST ORAL PRESENTATION AWARD** at 3rd National Conference on Nanomaterials and Nanotechnology (NATCON NAMTECH 2010) organized jointly by Material Research Society of India and University of Lucknow held at Amity University, Lucknow Campus in Dec 21-23, 2010.
- ❖ **Selected for participation at the 2nd Science conclave: Interaction with Noble Laureates and Eminent Scientists** organized at Indian Institute of Information Technology -Allahabad during December 8-15, 2009.
- ❖ **BEST POSTER PRESENTATION AWARD** at National Conference on Nanomaterials and Nanotechnology (NATCON NAMTECH 2007) organized jointly by Material Research Society of India and University of Lucknow held at University of Lucknow in Dec 8-10, 2007.

MEMBERSHIP

Life member of 'Lasers and Spectroscopy Society of India' M. S. No. 359-09

COMPUTER KNOWLEDGE

Proficiency in working with Windows 98, 2000, XP and scientific software's like Origin 6.1 and Autopad.

PAPERS AT NATIONAL SEMINARS

- ❖ Presented paper entitled "Role of Humidity Sensors in Green Technology" at **International Conference** on Sustainable Development: Strategies and Emerging Trends at Netaji Subhash Chandra Bose Govt. Girls P. G. College, Aliganj, Lucknow on Nov 16-17, 2018.
- ❖ Presented paper entitled "Challenges in Digital Learning of Science Under graduates of Colleges Located in Rural Areas" in the national Seminar on Digital Learning Opportunities and Challenges in Higher Education Institutes (NSDLOCHEI-18) organized by the Dept. of Physics, B. S. N. V. Post Graduate College, Lucknow on May05, 2018.
- ❖ Presented paper entitled "Higher Education and Employment to Students of Rural Areas of India : Issues and Challenges" at National seminar on Higher Education and Job Opportunities in Rural Areas organized by Pt. Ram Lakhan Shukla Government Post Graduate College, Alapur Ambedkarnagar on 27 Feb 2018
- ❖ Presented paper entitled "Environmental Studies as a subject in Higher Education in India: Issues and Challenges" at National Seminar on Environmental Issues and Challenges in India organized by at Ramabai Government Mahila Post Graduate College, Akbarpur, Ambedkarnagar in 4-5 Feb 2018
- ❖ Presented paper entitled "Need of Quality Improvement in Higher Education in India" at National Seminar on Quality Improvement in Higher Education: Challenges and Remedies organized by Government Degree College, Pihani Hardoi on 27 Jan 2018
- ❖ Presented paper entitled "Impact of Digitalization in Science Teaching and Research" at National Seminar on Impact of Digitalization of Public Services on Society organized by Mahamaya Government Degree College, Mahona on 20-21 Jan 2018
- ❖ Presented paper entitled "Superlattices and Microstructures" at 6th National conference on Nanomaterials and Nanotechnology (NATCON NAMTECH VI) organized jointly by Material Research Society of India and Department of Physics, University of Lucknow at University of Lucknow in Feb 11-13, 2017.
- ❖ Presented paper entitled "Higher Education: an Interactive Teaching Learning Process" at National Seminar on Teaching, Learning and Evaluation in Higher Education organized by at Ramabai Govt. Women Degree college, Akbarpur, Ambedkarnagar in Jan 21-22, 2017
- ❖ Presented paper entitled "Quality Improvement in Teaching and Learning Physics in Colleges of Rural Areas" at National Seminar on Quality Management in

Higher Education Institutions organized by Digvijay Nath P. G. College in Oct 20-21, 2016

- ❖ Presented paper entitled “Role of Sensors in Disaster Management” at National Seminar on Disaster Management in India organized by at Ramabai Govt. Girls Degree college, Akbarpur, Ambedkarnagar in Jan 18-19, 2016.

PUBLICATIONS

PUBLICATIONS AS CHAPTER IN A BOOK

- 1) Chapter Scenario of Cyber Crime and Cyber security in India accepted for publication
- 2) CHAPTER Promotion of Vocational Skills at Higher Education Level in the light of the new education policy 2020 in the edited book
- 3) The Perspective of Indian National Education Policy 2020 R. P. Publications, Delhi 2022 ISBN 9789391580254
- 4) Chapter Unprecedented Challenges in Online Teaching of Physics during COVID 19 published in the edited book Impact of Covid 19 Pandemic on education of India, R. P. publications, Delhi 2022, ISBN no 9789391580179.
- 5) Chapter “Lack of digital Literacy: A major challenge to cashless India” in the book ‘Cash to cashless Economy: Challenges and Opportunities’ ISBN 978-93-880003-11-7
- 6) Chapter 6 “Higher Education and Employment to Students of Rural Areas of India: Issues and Challenges” in the book ‘Higher Education and Job Opportunities in Rural Areas’ ISBN:978-81-7678-296-8

PUBLICATIONS IN INTERNATIONAL JOURNALS

1. **Modal Gain Characteristics of GRIN-InGaAlAs/InP Lasing Nano-heterostructures**
P.A. Alvi, P. Lal, R. Yadav, S. Dixit, S. Dalela,
Superlattices and Microstructures 61 (2013) 1-12, **Elsevier** publications
doi: <http://dx.doi.org/10.1016/j.spmi.2013.05.019>
Impact Factor 1.487 Citation index 2
2. **Gain Simulation of Lasing Nano-Heterostructure $\text{Al}_{0.10}\text{Ga}_{0.90}\text{As}/\text{GaAs}$**
Pyare Lal, Shobhna Dixit, S.Dalela, F.Rahman, and P.A.Alvi
Physica E 46 (2012) 224–231 **Elsevier** publications
Impact Factor 1.234, Citation index 5
3. **Humidity Sensing property of zinc oxide film deposited by PLD**
Shobhna Dixit, K. C. Dubey, K. P. Misra, Atul Srivastava, R. K. Shukla and Anchal Srivastava in *Synthesis and Metrology of Nanoscale Oxides and Thin Films*, edited by V. Craciun, D. Kumar, S.J. Pennycook, K.K. Singh (Mater. Res. Soc. Symp. Proc. **Volume 1074E**, Warrendale, PA, 2008), 1074-I05-27 (Electronic content only - No book published) doi:10.1557/PROC-1074-I05-27.
4. **Pulsed laser deposited Zinc Oxide films and their humidity sensing behavior**
Shobhna Dixit, Anchal Srivastava, R. K. Shukla and Atul Srivastava

Journal of Material Science: Material in Electronics Vol. 19 No. 8-9 (Sept 2008) 788-792 published by **Springer Verlag**, New York.
Impact Factor 2.08, Citation Index 6

5. **Effect of toxic gases on humidity sensing properties of nanocrystalline ZnO film**
Shobhna Dixit, Anchal Srivastava, R. K. Shukla and Atul Srivastava
Journal of Applied Physics, 102 113114 (2007) 1-5, published by **American Institute of Publishing**. *Impact Factor 2.5, Citation Index 8*
6. **Sol-gel derived zinc oxide films and their sensitivity to humidity**
Shobhna Dixit, Anchal Srivastava, Atul Srivastava and Rajesh Kumar Shukla
Japanese Journal of Applied Physics 47 (7) (2008) 5613-5618 published by The Japan Society of Applied Physics. *Impact Factor 1.30, Citation Index 5*
7. **Analytical determination of the mask design for the refractometer sensor of high sensitivity over a large range of refractive indices.**
Anchal Srivastava, Atul Srivastava, R. K. Shukla, Manoj Srivastava, Mahendra Kumar and Shobhna Dixit
Japanese Journal of Applied Physics, Vol. 46, No. 5A (2007) 3086-89 published by The Japan Society of Applied Physics. *Impact Factor 1.309*
8. **Design of an opto-electronic refractometer having adjustable range of refractive index measurement**
R. K. Shukla, Atul Srivastava, Anchal Srivastava, Manoj Srivastava, Shobhna Dixit and D. Misra
Optics and Laser technology 40 (2007) 692-696, Elsevier publications
Impact Factor 0.833, Citation index 1
9. **ZnO Thick Film Based Opto-electronic Humidity Sensor for a Wide Range of Humidity**
Shobhna Dixit, Anchal Srivastava, R. K. Shukla and Atul Srivastava
Optical Review, Japan. Vol.14 (4) (2007) 186-89 published by **Optical Society of Japan**. *Impact Factor 0.6, Citation Index 11*
10. **An Optoelectronic Sensor Configuration Using ZnO Thick Film for Detection of Methanol**
Shobhna Dixit, K. P. Misra, Atul Srivastava, Anchal Srivastava and R. K. Shukla
Sensors & Transducers Journal Volume 82 Issue 8 (August 2007) 1443-1449 published by International Frequency Sensor Association Publishing (IFSA)
e-Impact Factor 156.54
11. **Temperature sensitivity of nanocrystalline zinc oxide films**
K. C. Dubey, Shobhna Dixit, Dharmendra Mishra, Atul Srivastava, Anchal Srivastava and R. K. Shukla
Journal of Nepal Physical Society Vol. 23, No. 1 (July 2007) 24-26.

12. Sensitivity of zinc oxide thick film to H₂S gas

Shobhna Dixit, Dharmendra Mishra, Atul Srivastava, Anchal Srivastava and R. K. Shukla

Journal of Nepal Physical Society Vol. 23, No. 1 (July 2007) 37-39.

PAPERS IN NATIONAL JOURNALS

1. Biomedical Applications of Nanomaterials: Therapy of Cancer

Shobhna Dixit and Pinky Mallik

Lucknow Journal of Science Vol 8 No. 2 2011; Proceedings of 4th National Conference on Nano-materials and Nano-technology. ISSN NO. 0974 - 8121 (Print) ISSN NO. 0974 - 813X (Online) pp. 248-62.

2. Humidity Sensors: an Overview

Shobhna Dixit

Lucknow Journal of Science Vol 8 No. 1 2011; Proceedings of 16th National Seminar on Physics and Technology of Sensors (NSPTS-16) ISSN NO. 0974 - 8121 (Print) ISSN NO. 0974 - 813X (Online) pp. 303-308.

3. Deposition and characterization of Al doped ZnO films

Anchal Srivastava, R. K. Shukla, Atul Srivastava, Atul Srivastava and Shobhna Dixit

Proceedings of 3rd National Conference on Nano-materials and Nano-technology ISSN NO. 2229-4872 MINDSHARE INTERNATIONAL Refereed Journal. pp. 246-48

PAPERS AT INTERNATIONAL CONFERENCES

1. Humidity Sensing Configuration Using Undoped and Aluminium Doped Zinc Oxide films

Shobhna DIXIT, Anchal SRIVASTAVA, Atul SRIVASTAVA, R. K. SHUKLA

In the Session LL3 - Thin Films, Monolayers, Photovoltaics, Sensors, Carbon Materials and CNT at International Conference on Materials for Advanced Technologies 2007, Jun26-July1, 2011 at Singapore

2. Humidity Sensing property of zinc oxide film deposited by PLD

Shobhna Dixit, K. C. Dubey, K. P. Misra, Atul Srivastava, R. K. Shukla and Anchal Srivastava

Symposium I: Synthesis and Metrology of Nanoscale Oxides and Thin Films, MRS 2008 Spring meeting, March 24-28, 2008 at Moscone West and San Francisco Marriott, USA

3. Humidity Sensitivity of Zinc Sulphide Thin Film

Shobhna Dixit, Farha Deba, Anchal Srivastava, Atul Srivastava and R. K. Shukla

International Conference on Materials for Advanced Technologies 2007, July1-6, 2007 at Singapore.

4. Sensitivity of Zinc Oxide Film to Organic Vapours

Farha Deba, Shobhna Dixit, Atul Srivastava, Anchal Srivastava and R. K. Shukla
ETOP Ottawa Congress Centre June 4-7, 2007 at Ottawa, Canada.

5. An Opto-electronic Humidity Sensor For High Humidity Range Using Pulsed Laser Deposited ZnO Film

Shobhna Dixit, K. C. Dubey, Atul Srivastava, Anchal Srivastava and R. K. Shukla
14th Semiconducting and Insulating Materials Conference SIMC-XIV, May 15-20, 2007 at Arkansas, USA.

6. Humidity Sensitivity Of Zinc Sulphide Film

Shobhna Dixit, Atul Srivastava, Anchal Srivastava and R.K. Shukla
SIAM Physics Conference 2007, March 22-24, 2007 at Nakorn Patham, Thailand

7. Opto-electronic Sensor Configuration Using ZnO Thick Film for Detection of Methanol

Shobhna Dixit, Anchal Srivastava, Atul Srivastava and R.K. Shukla
XXXII OSI Symposium on Contemporary Optics and Applications, March 1-3, 2007 at Vadodara, Gujarat

8. Temperature Sensitivity of Nanocrystalline Zinc Oxide Films

K. C. Dubey, Shobhna Dixit, Dharmendra Misra , Atul Srivastava, Anchal Srivastava and R. K. Shukla
Symposium on Plasma Physics and Material Science, Jan 24-26, 2007 at Dhulikhel, Nepal

9. Sensitivity of Zinc Oxide Thick Films to H₂S Gas

Shobhna Dixit, Dharmendra Misra , Atul Srivastava, Anchal Srivastava and R.K. Shukla
Symposium on Plasma Physics and Material Science, Jan 24-26, 2007 at Dhulikhel, Nepal

10. ZnO Based Thick Film Opto-electronic Humidity Sensor for a Wide Range of Humidity

Shobhna Dixit, Anchal Srivastava, R. K. Shukla and Atul Srivastava
5th International Conference on Optics-Photonics, Design and Fabrication ODF'06, 6-8 Dec, 2006 at Nara, Japan

11. Zinc Oxide Coated Prism Based Humidity Sensor

Anchal Srivastava, R. K. Shukla, Atul Srivastava, G. C. Dubey and Shobhna Dixit
XXX Optical Society of India (OSI) Symposium on Optics and Optoelectronics (SOOP-05) Jan 19-21, 2004 at National Physical Laboratory,

New Delhi.

PAPERS AT NATIONAL CONFERENCES

1. Superlattices: A Review

Chranpal Kaur and Shobhna Dixit

E- souvenir of National Seminar on Current Trends in Experimental and Theoretical Physics- 2013 at the Department of Physics, Pranveer Singh Institute of Technology on March 2, 2013

2. Biomedical Applications of Nanomaterials: Therapy of Cancer

Shobhna Dixit and Pinky Mallik

Proceedings of 4th National Conference on Nano-materials and Nanotechnology held at University of Lucknow in Dec 2011, 21-23

3. Humidity Sensors: an Overview

Shobhna Dixit

Lucknow Journal of Science Vol 8 No. 1 (11-13 Feb'11) Proceedings of 16th National Seminar on Physics and Technology of Sensors (NSPTS-16) ISSN NO. 0974 - 8121 (Print) ISSN NO. 0974 - 813X (Online) pp. 303-308.

4. Deposition and characterization of Al doped ZnO films

Anchal Srivastava, R. K. Shukla, Atul Srivastava, Atul Srivastava and Shobhna Dixit

Proceedings of 3rd National Conference on Nano-materials and Nano technology ISSN NO. 2229-4872 MINDSHARE INTERNATIONAL Refereed Journal. pp. 246-48

5. Humidity sensing properties of amorphous zinc oxide films

R. K. Shukla, Anchal Srivastava, Atul Srivastava, Farha Deba, Dharmendra Misra and Shobhna Dixit

2nd National conference on Nanomaterials and Nanotechnology (NATCON NAMTECH 2009) organized jointly by Material Research Society of India and University of Lucknow at University of Lucknow in Dec 21-23, 2009. ISBN: 978-93-80043-61-6. pp. 1-3

6. A comparative study of transmission of various ZnO films deposited by different methods

K. P. Misra, Shobhna Dixit, K. C. Dubey and M. Avaish

96th Indian Science Congress 2009 under Section of Physical Sciences organized by Indian science Congress Association held at North-Eastern Hill University Shillong in Jan 4-7, 2009 pp.71

7. Organic Vapour Sensing by Porous Zinc Oxide Film

Shobhna Dixit, Farha Deba, Anchal Srivastava, Atul Srivastava and R. K. Shukla

National conference on Nanomaterials and Nanotechnology (NATCON

NAMTECH 2007) organized jointly by Material Research Society of India and University of Lucknow held at University of Lucknow in Dec 8-10, 2007.

8. Analytical Determination of The Mask Design for the refractometer Sensor of High Sensitivity Over a Large Range of Refractive Indices

Anchal Srivastava, Atul Srivastava, R. K. Shukla, Manoj Srivastava, Mahendra Kumar and Shobhna Dixit

11th National Seminar in Physics and Technology of Sensors NSPTS-11 (2006) C16-1 at Pune, Maharashtra

9. Effect of Annealing Temperature on ZnO Coated Humidity Sensor

Anchal Srivastava, R. K. Shukla, Atul Srivastava and Shobhna Dixit

‘Workshop on Thin Film Coatings’ at Instruments Research and Development (IRDE) under Defence And Research Development Organisation (DRDO) organized jointly by Optical Society Of India and IRDE, Dehradun, Uttarakhand in March, 2005

PH. D. THESIS PRESENTATION

Presented Ph. D. Thesis at the ‘Thesis Presentation Session’ of the National Symposium on Advances in Lasers and Spectroscopy -2009 held at Hari Singh Gaur Vishwavidyala (formerly known as Sagar University), Sagar, Madhya Pradesh organized jointly by Departments of Physics & Electronics in association with Dept. of Chemistry under the auspices of Laser and Spectroscopy Society of India from Feb 27-28, 2009.

CONFERENCES ATTENDED

- ❖ Attended one day National Seminar on Current Trends in Experimental and Theoretical Physics- 2013 at the Department of Physics, Pranveer Singh Institute of Technology on March 2, 2013
- ❖ Attended one day seminar for “Intellectual Property and Innovation Management in Knowledge Era” organized by National Research Development Corporation (NRDC) An Enterprise of DSIR, Ministry of Science and Technology, Govt. Of India, New Delhi on Feb 28th, 2012
- ❖ Attended National Seminar on Materials for Advanced Technology (NSMAT 2011) at the Department of Physics, Banasthali University in March 27-29, 2011
- ❖ **Poster Presentation at 16th National Seminar on Physics and Technology of Sensors (NSPTS-16)** organized by Department of Physics, University of Lucknow in Feb 11-13, 2011.

- ❖ **Oral Presentation at 3rd** National conference on Nanomaterials and Nanotechnology (NATCON NAMTECH 2010) organized jointly by Amity University and Department of Physics, University of Lucknow at Amity University in Dec 21-23, 2010.
- ❖ **Participated at the 2nd Science conclave: Interaction with Noble Laureates and Eminent Scientists** organized at Indian Institute of Information Technology -Allahabad during December 8-15, 2009.
- ❖ **Oral Presentation at 2nd** National conference on Nanomaterials and Nanotechnology (NATCON NAMTECH 2007) organized jointly by Material Research Society of India and University of Lucknow at University of Lucknow in Dec 21-23, 2009. ISBN: 978-93-80043-61-6.
- ❖ ***Presented Ph. D. Thesis at the ‘Thesis Presentation Session’ of the “National Symposium on Advances in Lasers and Spectroscopy -2009” held at Hari Singh Gaur Vishwavidyala (formerly known as Sagar University), Sagar, Madhya Pradesh organized jointly by Departments of Physics & Electronics in association with Dept. of Chemistry under the auspices of Laser and Spectroscopy Society of India from Feb 27-28, 2009.***
- ❖ Attended International Jubilee Conference on Discrete Mathematics at Banasthali University in Jan 11-13, 2009.
- ❖ Attended One week training program on Optimization and its applications at Banasthali University in Dec 24-29, 2008.
- ❖ Attended International Conference on Women’s education at Banasthali University Nov 11-13, 2008
- ❖ **Poster Presentation** at National conference on Nanomaterials and Nanotechnology (NATCON NAMTECH 2007) organized jointly by Material Research Society of India and University of Lucknow held at University of Lucknow in Dec 8-10, 2007.
- ❖ **Oral Presentation** at Symposium on Plasma Physics and Material Science, Jan 24-26, 2007 at Dhulikhel, Nepal
- ❖ **Oral Presentation** at ‘Workshop on Thin Film Coatings’ at Instruments Research and Development (IRDE) under Defence And Research Development Organisation (DRDO) organized jointly by Optical Society Of India and IRDE, Dehradun, Uttarakhand in March, 2005.
- ❖ **Poster Presentation** at XXX Optical Society of India (OSI) Symposium on Optics and Optoelectronics (SOOP-05) Jan 19-21, 2004 at National Physical Laboratory, New Delhi