

CURRICULUM –VITAE



Dr. Vivek Agrahari

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Academic Qualifications

- **M.Sc. Ph.D.**
- **M.Sc** Physics (Specialization in Spectroscopy), First Division from University of Allahabad
- **B. Sc.** (Maths), First Division from University of Allahabad
- Intermediate, First Division from U.P.Board
- High School, First Honors Division from U.P.Board

List of Research Articles Published In International Journals

1. Investigations of optoelectronic properties in DMS SnO₂ nanoparticles, **Vivek Agrahari**, Mohan Chandra Mathpal, Mahendra Kumar, Arvind Agarwal
Journal of Alloys and Compounds 622 (2015) 48–53.
2. Distortion induced band gap and phase transformation in Ti_x Ag_(1-x) O₂ system
Mohan Chandra Mathpal, Anand Kumar Tripathi, Promod Kumar, **Vivek**

Agrahari, Manish Kumar Singh, Arvind Agarwal

Chemical Physics Letters, Volume 614, 20 October 2014, Pages 162-166.

3. Photoluminescence and photoconductivity of Ni doped titania nanoparticles
Anand Kumar Tripathi, Mohan Chandra Mathpal, Promod Kumar, **Vivek Agrahari**, Manish Kumar Singh, Sheo Kumar Mishra, M. M. Ahmad, Arvind Agarwal
Journal of Advanced Material Letters, 6(3) (2015) 201-208.
4. Effect of Mn doping on structural, optical and magnetic properties of SnO₂ nanoparticles, **Vivek Agrahari**, Anand Kumar Tripathi, Mohan Chandra Mathpal, Avinash C. Pandey, Sheo Kumar Mishra, R. K. Shukla, Arvind Agarwal
Journal of Materials Science: Materials in Electronics (JMSE) (2015).
5. Low field room temperature magnetism and band gap modifications in Sm doped SnO₂, **Vivek Agrahari**, Mohan Chandra Mathpal, Sachin Kumar, Arvind Agarwal
Journal of Materials Science: Materials in Electronics (JMSE) (2015).

List of Papers Presented In Conferences

1. **Vivek Agrahari**, M. Kumar *Optoelectronic properties of co-precipitation synthesized SnO₂ nanoparticles*, National Symposium on Materials And Processing-2012 (MAP-2012) - October 10-12, 2012, Glass & Advanced Ceramics Division Bhabha Atomic Research Centre (BARC), Mumbai-400 085. (Poster Presentation)
2. **Vivek Agrahari**, M. Kumar *Structural Study of Co-precipitated SnO₂ nanomaterials*, National Conference On "CHEMISTRY AND LIFE" Organized by Department Of Chemistry C.M.P. Degree Collage University Of Allahabad, September 16-17, 2012, Sponsored By Board Of Research In Nuclear Science, Department Of Atomic Energy, Mumbai. (Poster Presentation)

3. **Vivek Agrahari, M. Kumar** *Synthesis, Characterization and Optical study of Tin oxide nanomaterials*, NSMCU-2012, National seminar on Materials characterization by ultrasonic organized by Department of Applied Sciences, ASET, New Delhi and Ultrasonic's society of India, NPL, New Delhi, 3-4 April, 2012. (Poster Presentation)

List of Workshops/ Short Term Courses Attended

1. Short Term Course on Synthesis Characterization & Applications of Nanomaterials
MNNIT Allahabad, July 7-12, 2014
2. Workshop on Scientific Contributions of Acharya Jagadish Chandra Bose & Acharya
Prafulla Chandra Ray
(Sponsored by TEQIP-II MNNIT Allahabad & INSA), Dec 23-24, 2013
3. Short Term Course on “Advances in Materials Science and Engineering (AMSE)
2013” July 15-21, 2013, MNNIT, Allahabad
4. Short term course on Recent Trends in Nonlinear Systems and Dynamics 2013
(RTNSD2013)
MNNIT, Allahabad (U.P.) June 12-16, 2013
5. Short Term Course On The role of basic sciences in engineering education *Jointly
Organized by* Departments of Mathematics, Chemistry & Physics
MNNIT, Allahabad (U.P.), June 12-16, 2013
6. Workshop on Characterization Techniques in Nanotechnology organized by the
National Academy of Sciences, India, Allahabad chapters from Feb 12-13, 2011

Teaching Experience

- Working as Assistant Professor in the Department of Physics, **Iswar Saran Degree College, University of Allahabad** since **15 July 2009** till date.

Personal Details

❖ Date of Birth	23.02.1980
❖ Father's Name	Dr. Manik Chandra Gupta
❖ Marital Status	Married
❖ Nationality	Indian
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Date : 02.12.2015

Place: Allahabad.

(Vivek Agrahari)