**Miss. N. K. Prasanna Kumari**
Research Officer, Department of Occupational Hygiene
National Institute of Miners Health, Nagpur, India
Email: prasanna.nimh@gmail.com
Prasunna_bhu@rediffmail.com

**Research Interests:**
Environment pollution, Protein folding/aggregation, Proteases, Environment proteomics, Protein engineering and structure function relationship of proteins.

**Membership of Professional Societies**
Life Member, Indian Biophysical Society.
Life Member, Society of Biological Chemists (India)

**Education**

PhD Thesis submitted in Molecular Biology in 2010 from Banaras Hindu University, Varanasi UP, India. M.Sc Biochemistry from Andhra University in 2005. B.Sc Chemistry Andhra University in 2003

**Distinctions & Achievements**

- 2003 - Qualified MSC Biotechnology in Allahabad Agricultural University-Allahabad-India
- 2005 - Qualified National level BHU-Common Research Entrance Examination- for Ph.D.
- 2005 - Qualified National level common entrance test conducted by NCBS-TIFR for Ph.D.
- 2005-2007 - UGC- JRF of UGC Government of India
- 2007-2010 - UGC-SRF of UGC Government of India
- 2008 - Selected for Post Doctoral fellowship in Xiamen university-China
- 2010 - Selected for Post doctoral fellowship in Albert Einstein Medicine-USA
- 2011 - Selected for Dr. D.S. Kothari Postdoctoral fellowship

**International Publications**

1. **N.K.Prasanna Kumari** and MV Jagannadham SDS induced molten globule state of heynein, a new thiol protease: Evidence of domains and their sequential unfolding. *Colloids and Surfaces B: Biointerfaces (**2011**) 82, 609-615*

2. **N.K.Prasanna Kumari** and M.V. Jagannadham Organic solvent induced refolding of acid denatured heynein: molten: Evidence of domains in the molecular structure of the protein and their sequential unfolding. *Journal of Protein and Proteomics **(2011)*** 2, 11-21

3. **N.K.Prasanna Kumari** and M.V. Jagannadham Deciphering the molecular structure of cryptolepain in organic solvents. *Biochimie **(2011)***

4. Subhash C Yadav**, N.K.Prasanna Kumari** and M.V. Jagannadham. Deglycosylated milin unfolds via inactive monomeric intermediates. *Eur Biophys J **(2010)** 39, 1581-1588*

5. Reshma Bhowmick**, N.K.Prasanna Kumari**, and M.V. Jagannadham A.M. Kayastha Purification and characterization of a novel protease from the latex of *Pedilanthus tithymaloides Protein & Peptide Letters **(2008)** 15, 1009-1016.*

6. Monu Pande, **N.K.Prasanna Kumari**, V.K. Dubey, P. Tripathi and M.V. Jagannadham stability and unfolding studies on alkaline denatured state (Ip) of Pepsin: *Process Biochemistry (**2009 )**44,* 906-911.