

**Dr. Asha Sharma**  
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### A) Educational Qualifications

Examination	Year of Passing	Institution/University/ Board
Ph.D.	2000, March	M.D. University, Rohtak
M.Sc.	1995, May	M.D. University, Rohtak

### B) Career Profile

Designation	Mode	Institution served	Duration
Lecturer	Regular	M.D. University	2009- continue

### 3. Projects Undertaken

Minor Reseach Project titled--- Detection of Lead in Water ,Soiland plant parts in different months of M.D.University Campus from different sites for the session 2010-2011.	One year	Dr. Radha Krishan Foundation Fund .	In Progress.
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### C) Publications:

#### (i) Edited:

RanaPSingh, GeetaDhanian, AshaSharma, P.K.Jaiwal; Biotechnological approach to remove Phytoremediation efficiency for environmental contamination. Etd. Vol. of Bioremediation- a Noval technology by Springer (2006).

#### (ii) Research Papers

### **Published in Refereed/Peer Reviewed Journals**

Asha Sharma, Manish Sainger, Sanjay Dwivedi, Sudhakar Srivastava, R.D. tripathi and R. P. Singh; Genotypic variation in *Brassica Juncea* (L.czern.) cultivars in growth, nitrate assimilation, antioxidative response and phytoremediation potential during Cd stress.. J. Environ. Biol. 31,773-780(2010).

S.K.Atri, Sharma Asha, Kaushik H.; Chronic Lead Poisoning Masquerading Recurrent Pancreatitis. The Indian Practitioner; Vol.63 No.8,521-524(Aug.2010).

### **Published in Conferences/Seminar proceedings:**

Asha Sharma ;R.P.Singh; Presented paper on Screening of Brassica juncea genotypes to heavy metal stress. Proceedings having ISBN as (ISBN-978-81-920945-0-2) National Seminar on Internet: Applications in Research (26 March,2011).organized by Dept. of Zoology, M.D. University, Rohtak. (accepted).

Asha Sharma, D.K.Kishore, K.K.Pramanick, Jitender kumar ; BIODIVERSITY OF WILD TEMPERATE FRUITS IN THE HIMALAYAS Proceedings National conference on Biodiversity: Challenges and Opportunities by Dept. of Botany, M.D. University, Rohtak. (accepted).

### **Participation in conferences/seminars:**

One month Orientation Course in May-June 2009 at Kurukshetra University, Kurukshetra. Attended and presented Poster in the Zonal Seminar on "Abiotic Stress Tolerance in Plants- Physiological and Molecular Approaches" organized by Centre for Plant Biotechnology, Hisar on 5<sup>th</sup> Dec., 2009.

Attended "17<sup>th</sup> Annual Conference of the Indian Association of Clinical Medicine" organized by Department of Medicine, M.L.B. Medical College, Jhansi (U.P.) on 28<sup>th</sup> – 30<sup>th</sup> November, 2009

Attended Symposium on "Emerging Trends in Biotechnology" as delegate organized by Department of Biotechnology, University Institute of Engineering & Technology, M.D. University, Rohtak on 24<sup>th</sup> Nov., 2009

Attended National Seminar on "Biodiversity: Concerns & Solutions" organized by Department of Botany, M.D. University, Rohtak on 20<sup>th</sup> Nov., 2009.

Attended trends in translational medicine organized by Deptt of Biotechnology and Molecular medicine of Pt. B D S PGIMS, Rohtak on January 9, 2009.

Attended the Workshop on **Biosensor development** at M.D. University in 2007

Participated in Two day Workshop on “Application of SPSS Software in Research” organized by Institute of Hotel & Tourism Management, M.D. University, Rohtak on April (19-20), 2011.

Asha Sharma; Comparative study of Ni tolerance in four cultivars of *Brassica Juncea* (L. Czern.). Abstract book Zonal Seminar on Abiotic Stress tolerance in Plants: Physiological and molecular approaches. (5 Dec. 2009).

Asha Sharma, R.P. Singh, Manoj Kumar, Anita Sehrawat; Detection of heavy metals in industrial effluents, sewage wastewater, soil & plants growing near the industrial area. Abstract in National Symposium on Impact of Trends in Climate Change On Bio-Diversity and Faunistic Systems (Feb. 19-20, 2010).

Anita Sehrawat, Asha Sharma; Evaluation of alkaloids in multiple shoot cultures of *Catharanthus roseus* G. Don. Abstract in National Conference on Environmental and Health Issues: In a Changing Climatic Scenario (Oct. 14-15, 2010).

Asha Sharma, R.P. Singh; *Brassica juncea* as a model system for understanding the tolerance to cadmium toxicity. Abstract in ECSD-2010 National Seminar on Environmental Challenges: Sustainable Development (March 29-30, 2010).

#### **Presentations In Seminars/Conferences**

1. Asha Sharma, Gender inequality in National Seminar on Eliminating Daughters: Paradox of Development in India (Dec. 15-16, 2010).
2. Asha Sharma, Jyotika Dhanker, R.P. Singh; Effect on Physiological and Biochemical Parameters by heavy metal stress. Abstract in National Seminar on Computing Life: Raw to Refined (March 27, 2010).
3. Asha Sharma: Effects on Environment by heavy metals of Industrial Effluents in Seminar on Environmental Pollution and Law (Feb. 26-27, 2011).

#### **Any other information:**

Delivered three Extension Lectures on “Plant breeding” in the Pt. Neki Ram Sharma Govt. College, Rohtak.

Departmental Co-ordinator of Career Guidance and Placement Cell.