

RESUME

Official Detail

Name : Dr. (Ms) Nasreen Ghazi Ansari
Designation : Scientist Gr. IV (1)
Division : Metal Analysis Laboratory
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Current R&D/ S&T activities:

Working in NABL accredited Metal Analysis Laboratory. Working in NABL accredited Metal Analysis Laboratory for analysis of heavy metals in environmental and biological samples. R&D activity includes the remediation of wastewater by low cost material.

Area of Specialization:

Ph. D in Organic Chemistry from Rani Durgawati University, Jabalpur on topic entitled "*Isolation, purification, characterization and bioherbicidal studies on bioactive molecules of selected plants*". Possess expertise on method development and pesticide residue analysis along with analytical instrument like GC and HPLC

Academic Record

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|-------|---------------------|--|
| H.S.C | (65%) | Madhya Pradesh Board, Bhopal (1991) |
| H.S.C | (68%) | Madhya Pradesh Board, Bhopal (1993) |
| B.Sc | (71%) | Rani Durgawati University, Jabalpur (1997) |
| M.Sc | (73%) | Rani Durgawati University, Jabalpur (1999) |
| CIC | (70%) | Indira Gandhi National Open University, New Delhi (2006) |
| Ph. D | (Organic Chemistry) | Rani Durgawati University, Jabalpur (2006) |

Professional Qualification:

- (i) Experience in working with computer operating systems (MS-DOS, MS-Windows, MS-Office, etc.) and exposed to internet explorer.
- (ii) Experience in working with scientific and analytical instruments, viz., GLC, HPLC, AAS, UV-VIS Spectrophotometer, Auto-Titrator, Turbidity Meter, Kjeltex, Rotary Vacuum Evaporator, Millipore Water Purification System, Labware Washer, Deep freezer, Flame Photometer, pH meter, EC meter, Soxhlet apparatus.

Award/ Honours/ Distinctions

- Attained merit in M.Sc (Organic chemistry) in Rani Durgawati University, Jabalpur during 1999.
- **Senior Research Fellow** (*Residue chemist*) under the project "*Fate and phytotoxic efficacy of herbicides and their impact on nutrient cycle in soybean in relation to soil properties*" during May2001-August 2004, at National Research Center for Weed Science (ICAR).
- **Senior Research Fellow** (*Residue chemist*) under the project "*Feasibility of increasing persistence of some rice herbicides and its consequences in soil environment*" during May2005-July2008, at National Research Center for Weed Science (ICAR).

Student Guided:

Six student for their M.Sc project from 2010-till date.

Trainings attained

- Attended training on "Residue Analysis of Pendimethalin in soil by GLC" during 13th Nov to 15th Nov 2002 at Division of Agricultural Chemicals, IARI, New Delhi.
- Attended training cum workshop on "Role of allelopathy in weed management" during 26- 27 April 2002, at National Research Center of Weed Science, Jabalpur.
- Attended training on "Gas Chromatography" during 14th Sept -19th Sept 2005, at Chemito Technologies Pvt. Ltd, Nashik.
- Attended 'Workshop on Self Effectiveness at the Workplace' during 20 - 22 October 2008, at Human Resource Development Centre (CSIR), Ghaziabad, India

NABL Training on “Laboratory Management System and Internal /Audit” ISO 17025:2005, 6-9th July, 2010 at IIQM, Jaipur

Attended training on “Research Methodology and Statistical Methods” 21-25th February, 2011 at HRDC, Ghaziabad

Attended PTB-NPL Training on ‘Metrology In Chemistry’ during 10-14 October 2011, at National Environment and Engineering Research Institute (CSIR), Nagpur, India

Publications

Abstract

K.K.Barman, Poonam Chandla and **Nasreen Ghazi Ansari** (2002). Effect of some Herbicides on Rhizobium soybean symbiosis. Abstract “National Symposium on Cotemporary trends in Biological Sciences”. January 9-11, 2002, Jabalpur, Madhya Pradesh.

K.K. Barman, Poonam Chandla and **Nasreen Ghazi Ansari** (2002). Effect of some herbicides on microbial population and enzyme activity in soil. Abstract Second International Agronomy conference on “Balancing Food and Environmental Security-A Continuing Challenge” November 26-30 2002, New Delhi.

Nasreen Ghazi Ansari, K.K. Barman And Poonam Chandla (2002).Effect of some pre-emergence herbicides on growth parameters of soybean. Abstract Second International Agronomy conference on “Balancing Food and Environmental Security-A Continuing Challenge” November 26-30 2002, New Delhi.

Nasreen Ghazi Ansari, K.K. Barman and N.T Yaduraju (2003). Lantana camara: Possible uses. Abstract “National Seminar on Alien Invasive Weeds in India.” April 27-29, 2003, Jorhat, Assam.

Nasreen Ghazi Ansari, N. Saxena and Ashutosh Srivastava. (2004). In Vitro Characterization of Cassia tora L. and application of its bioactive constituent to weeds, Phalaris minor and Echinochloa Colona, for quality rice and wheat crops. Abstract. “IUPAC International Conference on Biodiversity and Natural Products: Chemistry and Medical Application.” January 26-31, 2004, New Delhi.

K.K.Barman, Ekta Shrivastava, Poonam Chandla and **Nasreen Ghazi Ansari** (2005). Effect of Butachlor on soil microbial activity. Abstract “International conference on Soil, Water and Environmental Quality”. January 28-February 1, New Delhi.

P.J. Khankhane, **Nasreen Ghazi Ansari**, Sushil kumar and Kajal Jain (2005). Parthenium weed (*Parthenium hysterophorus*. L.) compost superior to Farm Yard Manure. Abstract “International conference on Soil, Water and Environmental Quality”. January 28- February 1, New Delhi.

Nasreen Ghazi Ansari, N. Saxena and Ashutosh Srivastava. (2005). A new Triterpene from seeds of *Phaseolus vulgaris* var. Arkakomal. Abstract. “National Symposium on Recent Advances in Chemical Research .” March 28-29, 2005, Jaipur.

Ruchi Pandey, R.C. Murthy and **Nasreen Ghazi Ansari**. (2010). Microwave assisted digestion Versus Hot plate Digestion for the determination of trace metals in *Camellia sinensis*(Tea) by Atomic Adsorption spectrophotometer. Abstract. “Recent Advances in Analytical sciences.” April 12-14, 2010 Himachal Pradesh University, Shimla Indian Society of Analytical Scientist-Delhi Chapter

Priyanka Gupta, R.C. Murthy and **Nasreen Ghazi Ansari**. (2010). Estimation of heavy metals by atomic Absorption Spectrophotometer and its relation to soil properties. Abstract. “Recent Advances in Analytical sciences.” April 12-14, 2010 Himachal Pradesh University, Shimla Indian Society of Analytical Scientist-Delhi Chapter

Nasreen Ghazi Ansari, N. Saxena and Ashutosh Srivastav. (2010). Characterization of bioactive molecule from two varieties of Glycine max. Abstract. “Recent Advances in Analytical sciences.” April 12-14, 2010 Himachal Pradesh University, Shimla Indian Society of Analytical Scientist-Delhi Chapter

Manual

K. K. Barman, **Nasreen Ghazi Ansari** and N.T. Yaduraju (2004). Practical Manual On Herbicide Bioassay. Published by Director, National Research Centre for Weed Science (ICAR), Jabalpur, Madhya Pradesh.

Paper

K. K. Barman, **Nasreen Ghazi Ansari** And Monika Dubey (2006) Effect of Water Hyacinth Green Manuring on Biomass Yield of Spinach and Nutrient Availability. *Journal of the Indian Society Soil Science*, **54**, 75-79.

K.K.Barman, **Nasreen Ghazi Ansari**, G.K.Boudh and Jay G. Varshney. (2009). Comparative efficacy of lantana sesbania and crop residue as nutrient source under submerged field condition *Indian Journal of weed Science*. (Accepted) **2009**

Jitendra Nath Tiwari, Prashant Chaturvedi, **Nasreen Ghazi Ansari**, Devendra K.Patel, Sudhir Kumar Jain &Ramesh Chandra Murthy (2011). Assessment of polycyclic aromatic hydrocarbons (PAH) and heavy metals in the vicinity of an oil refinery in India. *Soil Sediment Contamination : An International Journal*, **Philadelphia**, **20:3** . (IF: 0.80)

Rupinder Kumari, Prashant Chaturvedi, **Nasreen Ghazi Ansari** , Ramesh C.Murthy, Devendra K. Patel. Optimization and validation of an extraction method for the analysis of polycyclic aromatic hydrocarbons in chocolate candies. *J.Food Sci.* 2012 Jan;77(1):T34-40.