

## SUMEET RANJAN

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### CAREER

11/2014-present	<b>Scientist I, Central Research Laboratory, Patna Women's College</b>
11/2011-10/2014	<b>Project Fellow on Major research Project under the Head, Dept of Zoology, funded by University Grants Commissions, New Delhi</b>
07/2009/10/2011	<b>Research Officer at Plant Tissue culture division, Renaissance Biotech Pvt Ltd., Patna, Bihar</b>
06/2008-6/2009	<b>Quality Assurance Trainee at NLP Organics Pvt Ltd, Bhiwadi, Rajsthan</b>
11/2007-05/2008	<b>Trainee of Plant tissue culture, Biotech Consortium of India, Department Biotechnology, Govt. of India</b>

### EDUCATION

02/2016 -Present	Pursuing <b>PhD</b> 'Physico-chemical characteristics of Ground Water and risk assessment of Fluoride toxicity in Gaya District', Faculty of Sciences, Patna University.
03/2006- 07/2008	<b>MSc Biotechnology</b> (First Class), Punjab Technical University.
05/2003 – 04/2005	<b>BSc in Biotechnology</b> (First Class), Bangalore University

### RESEARCH FUNDING AND AWARDS (LAST FIVE YEARS)

2011-2014	Project Fellow in Major Research Project titled Mapping of fluoride endemic areas in Gaya district of Bihar and assessment of health effects due to ground water fluoride toxicity funded by University Grants Commission, New Delhi
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**Research interests:** Water Quality with emphasis on fluoride contaminated ground waters, Isolation and characterization of microbes degrading fluoride; Mitigation of Fluoride from drinking water through bioremediation.

### RELEVANT PUBLICATIONS

1. Sumeet Ranjan, Shahla Yasmin (2015). Amelioration of fluoride toxicity using Amla (*Emblca officinalis*). **Current Science**, Vol. 108, No. 11, 10 June 2015: 2094-98
2. Sumeet Ranjan, Shahla Yasmin (2015). Assessment of Fluoride Intake Through Food Chain and Mapping of Endemic Areas of Gaya District, Bihar, India. **Bull Environ Contam Toxicol**, 94 (2): 220-224.
3. Shahla Yasmin, Sumeet Ranjan, Doris D'Souza (2013). Haematological changes in fluorotic adults and children in fluoride endemic regions of Gaya district, Bihar, India. **Environ Geochem Health** DOI 10.1007/s10653-013-9570-7
4. Shahla Yasmin, Sumeet Ranjan, Hilaluddin & Doris D'Souza (2013): Effect of excess fluoride ingestion on human thyroid function in Gaya region, Bihar, India, **Toxicological & Environmental Chemistry**, DOI: 10.1080/02772248.2013.847619

### BOOK CHAPTERS :

1. Shahla Yasmin and Sumeet Ranjan (2014). Fluoride toxicity in fluoride endemic villages of Gaya district, Bihar, India. In: *Management of Natural Resources in a Changing Environment*. Published by Springer, International publishing, Switzerland with Capital Publishing Company, New Delhi. **ISBN 978-93-81891-13-1**
2. Ranjan Sumeet , Yasmin Shahla (2014). Ground Water Quality in Gaya Region and its Health Effects. . In: *Population Dynamism and Resource Utilization: Volume 2 (Urban Growth, Health and Development)* . Published by Academic Publication 2015, New Delhi