

RESUME



NAME : Dr. SAUMYA SNEHEE

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ACADEMIC QUALIFICATION:

S.NO.	EXAM PASSED	BOARD/ UNIVERSITY	YEAR	SUBJECT	DIVISION
1	High School	C.B.S.E	2002	Science	FIRST
2	Senior Secondary	C.B.S.E	2004	Science	FIRST
3	B.SC(Hons)	Magadh University	2008	Botany	FIRST
4	M.Sc.	Amity University	2010	Biotechnology	FIRST
5	Ph.D.	Magadh University.	2018		

TOPIC OF Ph.D. THESIS : BIOTECHNOLOGICAL APPLICATION OF CYANOBACTERIAL BIOFERTILIZER FOR INCREASED YIELD OF RICE IN PATNA DISTRICT OF BIHAR.

TRAINING PROGRAMME:

**“PROTEOMIC APPROACHES FOR WOMEN SCIENTIST IN LIFE SCIENCES”
SPONSORED BY D.S.T. , NEW DELHI, held at B.H.U. ,VARANASI.**

Bioinformatics workshop on “Genomics, Proteomics, Drug Design and High Performance Computing” 5th-11th June 2019 at SCFBio, I.I.T. DELHI.

Immunology : A Workshop : 9th November, 2009, Amity University, Noida.

TECHNICAL QUALIFICATION:

‘O and A –LEVEL’ Course from National Institute Of Electronics and Information Technology, Govt. Of India.

PROJECT WORK:

Immunological Techniques used in *Visceral leishmaniasis* – R.M..R.I. ,Indian Council of Medical Research, New Delhi, AgamKuan, PATNA Centre.

PUBLICATIONS:-

- 1. NATIONAL AND INTERNATIONAL Journals – 06(Published /Accepted).**
- 2. NATIONAL AND INTERNATIONAL CONFERENCES – 09(Abstract).**

Research Activities

i. Research papers published : 06.

Author (s)	Title of the paper	Name of Journal	ISSN No.	Volume &No.	Page No. s	Year
1. Saumya Snehee & M.P. Verma	<i>Nostoc</i> and <i>Hapalosiphon</i> as the potential bio-N-fertilizers during cultivation in Barh , Patna.	Advances in Biological Research	0970-7956	34(1)	59-62.	2016.
2. Saumya Snehee & M.P. Verma.	Induction of seed-coat colour mutation associated with increased protein yield in <i>Phaseolus vulgaris</i> L. var .Hur-120.	Advances in Biological Research	0970-7956.	34(2)	1-6.	2016.
3. Saumya Snehee & M.P. Verma	Toxicity of a herbicide paraquat on two potential biofertilizers <i>N.linckia</i> and <i>H.flagelliformis</i> .	Journal of Research	0971-1201.	Accepted	In Press.	2017.
4. Saumya Snehee & M.P. Verma	Isolation of paraquat resistant mutant of a cyanobacterial biofertilizer <i>Nostoc linckia</i> with ability to derepress nitrogen fixation under ammonia mediated condition.	Indian Journal of Agriculture and allied sciences.	2395-1109.	3(3)	1-6.	2017.
5. Saumya Snehee & M.P. Verma	ANABAENA AS A SUBSTITUTE OF UREA – NITROGEN DURING RICE CULTIVATION IN WET FIELDS OF BARH , BIHAR.	"International Journal of Environmental Sciences"			In Press	2017.
6. Saumya Snehee & M.P. Verma	STIMULATORY EFFECT OF GENETICALLY IMPROVED CYANOBACTERIA <i>NOSTOC</i> AND <i>HAPALOSIPHON</i>	Indian Journal of Agriculture and allied sciences.	2395-1109.	Accepted	IN PRESS	2018

	ON THE GROWTH AND YIELD OF RICE IN PARAQUAT TREATED PADDY FIELDS.					
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2.Conferences/Seminars attended – 07.

S. No.	Particulars of the Programme attended	Date	Venue of the Programme	Whether presented any paper? If so, title mentioned
1	National Seminar on Environmental issues and challenges: Need for action.	28-29 Sept. 2012.	J.P. University, Chapra.	Yes, Conservation of activated nodulin in <i>Phaseolus vulgaris</i> Hur-120.
2.	101 st Indian Science Congress.	3-7 th February, 2014	Univ. of Jammu, Jammu.	Yes, Heritability of improved seed-coat colour mutants in <i>Phaseolus vulgaris</i> .
3.	102 nd Indian Science Congress.	3-7 th January, 2015.	Univ. of Mumbai, Mumbai.	Yes, Induction of heritable root-nodule forming ability in <i>Phaseolus vulgaris</i> Hur-120.
4.	103 rd Indian Science Congress.	3-7 th January, 2016.	Univ. of Mysuru, Mysuru.	Yes, Potentiality of cyanobacteria <i>Nostoc</i> and <i>Hapalosiphon</i> as alternative source of nitrogen fertilizer for rice cultivation in Bihar.
5	1 st International Conference on Human Implications of Biotechnology.	12-14 February, 2016	Central University of South Bihar.	Yes, Induction of mutation for resistance to a herbicide paraquat in cyanobacterial

				biofertilizer <i>Nostoc linckia</i> .
6	2 nd National Seminar on Current Trends in Life Science.	20-21 February, 2017.	Central University of South Bihar.	Yes, A PARAQUAT RESISTANT MUTANT OF CYANOBACTERIAL BIOFERTILIZER <i>NOSTOC LINCKIA</i> PRODUCING HETEROCYSTES IN THE PRESENCE OF INORGANIC NITROGEN SOURCE .
7	National Seminar on Water and soil management for Agriculture and Livelihood and security under climate change.	8-9 September, 2017.	Sunbeam college for Women, Varanasi.	Yes , <i>Anabaena</i> as a substitute of Urea-nitrogen during rice cultivation in wet fields of Barh , Bihar.

Sl.No.	COURSE ATTENDED	PERIOD from to	PLACE
1.	Proteomic Approaches for Women Scientist in Life Sciences.	2-6 th March , 2017.	BHU, VARANASI.
2.	Immunology : A Workshop	9 th November, 2009.	Amity University, Noida.

TEACHING EXPERIENCE :

Sl.No.	NATURE OF EXPERIENCE	PERIOD from to	Place
1.	B.Sc.(Hons.) and P.G. Classes in Biotechnology	30 th Nov. 2013- 31 st July 2017	A.N.S. COLLEGE, BARH, BIHAR
2.	B.Sc.(Hons.) and P.G. Classes in Botany	7 th Aug. 2013 - 31 st July 2017	A.N.S. COLLEGE, BARH, BIHAR
3.	B.Sc.(Hons.) and P.G. Classes in Biotechnology	1 st August 2017- till date	Department of Biotechnology, A.N. COLLEGE,

			PATNA,BIHAR.
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LIST OF REFERENCES :

Dr.Akhouri Vaishampayan, Ph.D., D.Sc.

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DATE : 07.05.2018
PLACE: PATNA



Saumya Snehee.