



# RANCHI UNIVERSITY, RANCHI

## Faculty Profile

- **Name of the Faculty Member:** Dr. Radha Krishna Jha
- **Department:** University Department of Botany
- **Designation :** Associate Professor
- **Level of Guidance & Teaching:** M.Sc. & Ph.D. Research
- **Qualification:** Ph.D.

### *Academic Qualifications:*

<i>Examination</i>	<i>Board/University</i>	<i>Subject</i>	<i>Year of Passing</i>	<i>Division/Class</i>	<i>% of Marks</i>
<i>Matric</i>	B.S.E. BOARD, PATNA	PHY, MA, CHE, HIN, ENG	1975	SECOND	59.34%
<i>Intermediate</i>	RANCHI UNIVERSITY	BIO, PHY, ENG, CHE,	1977	FIRST	60.89%
<i>Graduation</i>	RANCHI UNIVERSITY	BOTANY HONS.	1979	FIRST	69.34%
<i>Post Graduate</i>	RANCHI UNIVERSITY, RANCHI	BOTANY	1983	FIRST	65.75%
<i>Ph.D</i>	PATNA UNIVERSITY	BOTANY	1987		
<i>Others</i>					

### *Career Profile*

<i>Teaching experience in years</i>	<i>Area of Specialisation</i>	
	<i>Teaching</i>	<i>Research</i>
<b>33 YEARS</b>	<b>BOTANY</b>	<b>ECOLOGY AND ENVIRONMENTAL SCIENCE, MOLECULAR BIOLOGY, ETHNOBOTANY, PLANT PATHOLOGY AND MICROBIOLOGY</b>

**Research Guidance :M.Phil/Ph.D. /D.Sc. /D. Litt(May 2017 to till date):**

<i>Name of Research Scholar</i>	<i>Registration No. &amp; Date</i>	<i>Topic of research work</i>	<i>Present Status (No. of Ph.D. awarded /ongoing)</i>
BhanuPriya	PG00094/2012	Phytochemical studies of some ethnomedicinal plants to cure tuberculosis with special reference to South Chotanagpur, Jharkhand	Awarded on 30/09/2021
Abhishek Prasad Sahu	189463/2016	Studies on the effect of some abiotic stress on <i>Solanumlycopersicum</i> L. genome and protein expression	Awarded on 09/12/2021
Vinod Kumar Yadav	145908 12/02/2020	Studies on various endomycorrhizalsymbionts and their efficacy on the growth performance of some fleshy root crops of Kurukshetra (Haryana)	Ongoing
Merina Shweta Sweety	PG00503 24/07/2019	Studies on the effects of anthropogenic effluents on pond ecosystem of Basargadh pond, Tupudana, Ranchi	Ongoing
Nisha Rani Singh	ED0539/13 31/08/2018	Physiological and biochemical studies on <i>Calocybe indica</i> due to infection of certain fungi	Ongoing
Mrityunjay Kumar	PG00780/2015 16/08/2018	Comparative study of algal flora of Simaria and NandanPahar Pond of Deoghar District with special reference to its physicochemical properties	Ongoing

***Books authored/Edited/Co-Author Chapter in Book (May 2017 to till date)***

<i>Name of Books</i>	<i>Subject</i>	<i>Sole or Co-Author</i>	<i>ISBN</i>	<i>Date of Publication</i>	<i>Name of Publishers</i>

***Number of Research papers published in Journals/Periodical (May 2017 to till date)***

<i>Sr. No.</i>	<i>Title with page Nos.</i>	<i>ISSN</i>	<i>Name of Journal</i>	<i>Date of Publication</i>
1	Biosorption potential of alkali pretreatment fungal biomass for the removal and detoxification of lead metal ion pp-636-639	0975-1084	Journal of Scientific and Industrial Research	July, 2020
2	Biochemical variability of eggplant peel among Indian cultivars pp-634-637	0975-0959	Indian Journal of Biochemistry and Biophysics	October, 2020
3	Visiting Bael (Aegelmarmelos) as a protective agent against COVID-19: A review pp:153-157	0975-1068	Indian Journal of Traditional Knowledge	December, 2020
4	Oxidative stress and anti-obesity approach in behaviour of	0975-1068	Indian Journal of Traditional Knowledge	November, 2021

	COVID-19: A review Pp: 139-142			
5	Biochemical composition of potato biowaste of popular North Indian cultivars Pp: 100-104	0975-0959	Indian Journal of Biochemistry and Biophysics	February, 2021
6	Effect of fungal pretreatment of <i>Solanumnigrum</i> L leaves biomass aimed at the bioadsorption of heavy metals Pp: 832-838	0975-1068	Indian Journal of Traditional Knowledge	October, 2020
7	Traversing arbuscularmycorrhizal fungi and pseudomonas fluorescens for carrot production under salinity Pp: 4217-4223	1319-562X	Saudi Journal of Biological Sciences	2021
8	An exploration of Albacore ( <i>Thunnusalalunga</i> ) in the Indian Ocean: A review Pp: 552-559	2393-9508	The Biobrio The International Journal of Life Science	2021
9	Effect of different level of salinity on tomato ( <i>Solanumlycopersicum</i> L.) plant germination of two different cultivars Pp: 151-153	2581-5792	International Journal of Research in Engineering Science and Management	September, 2019
10	Arbuscularmycorrhiza in combating abiotic stresses in some fleshy root crop production: An ecofriendly approach Pp: 55-60	2319-4227	Ranchi University Journal of Science and Technology	July, 2020-2021

11	Floristic growth of hydrophytes in Basargadh pond, Tupudana, Ranchi Pp: 7-8	2319-4227	Ranchi University Journal of Science and Technology	July, 2020-2021
12	Studies on some hydrophytes of Basargadh pond, Ranchi, Jharkhand Pp: 333-334	0973-7057	Biospectra International Journal of Life Science	March, 2020
13	A study on aquatic and semi-aquatic medicinal plants of Basargadh pond, Ranchi, Jharkhand Pp: 339-342	0973-7057	Biospectra International Journal of Life Science	March, 2020

***No. of seminars/conferences/workshop attended/organised (May 2017 to till date):***

<i>Seminar/Conference</i>	<i>Date of Participation</i>	<i>National/International</i>
Webinar on COVID-19 organised by DNA Lab: A centre for applied science (DLCAS), Dehradun	11 <sup>th</sup> May, 2020	National
UGC-Orientation workshop on awareness, adoption and promotion of the MOOCs on SWAYAM, KOLKATA	03 <sup>rd</sup> September, 2019	National
Seminar on effect of different level of salinity on Tomato ( <i>Solanumlycopersicum</i> L.) plant germination of two different cultivars	September, 2019	International, IJRESM
National conference on Global Warming, Climate Change and Pollution: Their impact on biodiversity and human welfare	21//11/2021-23/11/2021	National

***No. of FIP/refresher courses/summer trainings attended/organised (May 2017 to till date):***

<i>Date</i>	<i>Period</i>	<i>Venue</i>

***Any other academic, administrative and socially relevant contributions/consultancy and awards :***