



# RANCHI UNIVERSITY, RANCHI

## Faculty Profile

- **Name of the Faculty Member:** Dr. (Mrs.) Latika Sharan
- **Department:** University Department of Botany, Ranchi University, Ranchi.
- **Designation :** Associate Professor
- **Level of Guidance & Teaching:** Ph. D. and M.Sc.
- **Qualification:**

### *Academic Qualifications:*

<i>Examination</i>	<i>Board/University</i>	<i>Subject</i>	<i>Year of Passing</i>	<i>Division/Class</i>	<i>% of Mark</i>
<i>Matric</i>	Bihar School Examination Board	Hindi, English, Social Studies, Maths, Physics, Chemistry, Biology, Sanskrit	1975	First	65.22
<i>Intermediate (I.Sc.)</i>	Ranchi University	Hindi, English, Physics, Chemistry, Botany, Zoology, Logic	1977	First	62.88
<i>Graduation (B.Sc.) Botany Honours</i>	Ranchi University	Botany, Zoology, Chemistry	1979	First Class	61.00
<i>Post Graduate (M. Sc.) Botany Special Paper- Algology</i>	Ranchi University	Botany Special Paper- Algology	1983	First Class	65.00
<i>M.Phill</i>	-	-	-	-	-
<i>Ph.D</i>	Ranchi University	Algal Flora (Green Algae) of Hazaribag	1992	By Thesis	
<i>Others B. Ed.</i>	Ranchi University	Paper 1-5, Craft, Practical Teaching	1984	First (Distinction)	71.12

### *Career Profile*

<i>Teaching experience in years</i>	<i>Area of Specialisation (Algology)</i>	
	<i>Teaching</i>	<i>Research</i>
<i>As an Ad hoc Lecture</i>	10	10
<i>After Regular Appointment by Bihar State University (Constituent College) services Commission, Patna in 1996 in Ranchi University</i>		
1. <i>At Ranchi Women's College, Ranchi (1996 to January 2018)</i>	21	21
2. <i>At University Department of Botany, Ranchi University, Ranchi (January 2018 till date)</i>	4	4
<i>Total</i>	35	35

**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>
Anita Tudu	1141311 26.11.2020	IN-VITRO STUDIES ON THE NITROGEN FIXING BACTERIA AS BIOFERTILIZER ISOLATED FROM CERTAIN ETHNOMEDICINAL PLANTS OF RANCHI	Ongoing
Pinaki Dey	27.11.2019	STUDIES ON MORPHOTAXONOMY OF GREEN ALGAL FLORA OF AJODHYA HILLS AND FOREST AREA OF BAGHMUNDI OF PURULIA DISTRICT (WEST BENGAL)	Ongoing
Supriya Kumari	1572736 16.12.2020	STUDIES ON PHYTOCHEMICALS OF THE ETHNOMEDICINAL PLANT <i>Bombax ceiba</i> L. AND ITS EFFICACY AGAINST MICROBES	Ongoing
Swati Suman	PG00522/2016 27.01.2021	STUDIES ON CHARACTERIZATION OF BRADYRHIZOBIUM SPECIES BY EMPLOYING BIOCHEMICAL AND PHENOTYPICAL TOOLS FROM CERTAIN CROPS OF RANCHI	Ongoing
Ghazala Shaheen	14BSBN069 26.11.2020	STUDIES ON THE ISOLATION AND IDENTIFICATION OF RHIZOBIA FROM ROOT NODULES AND RHIZOSPHERE OF CERTAIN ECONOMICALLY IMPORTANT PLANTS OF RANCHI	Ongoing
Surabhi Ambastha	1572722	STUDIES ON ANTI-OXIDANT AND ANTI-	Ongoing

	21.12.2020	MICROBIAL ACTIVITIES OF TWO ETHNOMEDICINAL PLANTS OF FAMILY FABACEAE	
Amulya Kumari	1572733 6.11.2020	STUDIES ON ANTIDIABETIC AND ANTIOXIDANT PROPERTIES OF SOME MEDICINAL PLANTS OF RANCHI	Ongoing
Zeba Perween	12BSBN026 5.11.2020	METABOLOMICS STUDIES ON CERTAIN ETHNO MEDICINAL PLANTS OF RANCHI, JHARKHAND	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>
Environmental Science and Ethics: An insight into Jharkhand  Editor: Prof. Manju Sinha Principal Ranchi Women's College, Ranchi	Environmental Science and Ethics	Co-author (Compilation)	978-93-84782-38-2	2017	Disha International Publishing House, Delhi
Ethnobotany, cultivation and utilization of plants (One chapter in book)  Edited by Jyoti Kumar Prasanjit Mukherjee	Potentials and applications of fresh water algae	Co-author	978-93-83583-44-7	2020	Srijan Samiti Publication Kakarmatta (South), Varanasi

***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	Relationship	2455-6211	International Journal of All	Jan 2022

	between Legume-Rhizobia and Rhizosphere from Special Reference to Vicia faba and Glycine max- A Review  Ghazala Shaheen, Vinay Oraon, Latika Sharan		Research Education and Scientific Methods (IJARESM)  Volume 10	
2	Physicochemical Properties of Different Water Bodies of Ajodhyay hills and Forest area, Baghmundi Block, Purulia, West Bengal, India  Pinaki Dey, Latika Sharan	2250-1991	Indian Journal of Research  Volume 11	Jan 2022
3	Pharmacological review on Sesbania grandiflora (Linn)  Surabhi Ambastha, Amulya Kumari, Vinay Oraon, Amit Patnaik, Latika Sharan	2455-541X	International Journal of Botany Studies  Volume 7	8 Feb 2022
4	Pharmacological attributes of Bombax Ceiba L.  Supriya kumari, Amulya Kumari, Surabhi Ambastha, Zeba Perween, Amit Patnaik, Latika Sharan	2250-1991	Indian Journal of Research  Volume 11 Issue: 03	March 2022

***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>
<p>State Level Seminar Cum Discussion on Water Resources: Issues, Challenges and Sustainability</p> <p>Organised by: Department of Geography in collaboration with Green Audit Team Ranchi Women's College, Ranchi.</p> <p><b>Title of Paper Presented:</b> Fresh Water Habitat Loss: A threat to green algae and environment.</p>	29 June,2017	State Level
<p>National Seminar on Environmental and Biotechnological Prospects and Issues in India</p> <p>Attended</p> <p>Organised by: Inter Disciplinary Fourm, Ranchi Women's College, Ranchi.</p>	23-24 June,2017	National
<p>OPENCON 2017 Ranchi</p> <p>Attended</p> <p>Organised by : St. Xavier's College, Ranchi.</p>	26 <sup>th</sup> August, 2017	National
<p>National Symposium on Advances in Biology of Algae and Cyanobacteria (ABAC) 2018</p> <p>Participated</p> <p>Organised by : Centre of Advanced Study in Botany, Institute of Science, Banaras Hindu University, Varanasi</p>	8 <sup>th</sup> & 9 <sup>th</sup> February, 2018	National
<p>One day Webinar on COVID-19 and other Infectious Viruses: Molecular Characterization and Containment through Medicinal Plants and Ayurvedic Remedies.</p>	11 May, 2020	National

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

<i>Date</i>	<i>Period</i>	<i>Venue</i>
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28 June 2018 (Organized)	08-28 June, 2018	Human Resource Development Centre, Ranchi University, Ranchi.
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***Any other academic, administrative and socially relevant contributions/consultancy and awards :***

- Paper Presented by Research Scholars

<b>SI. No.</b>	<b>Name of Research Scholar</b>	<b>Theme of Seminar</b>	<b>Topic</b>	<b>Date</b>
<b>1</b>	<b>Amulya Kumari</b>	<b>International Conference on Biodiversity: Exploration, Exploitation and Conservation for Sustainable Development (ICB-01)</b>  <b>Assam</b>	<b>Phytochemical screening and antimicrobial activity of <i>Annona reticulata L.</i> and <i>Bauhinia variegata L.</i></b>	<b>5<sup>th</sup> January, 2022</b>
<b>2</b>	<b>Zeba Perween</b>	<b>International Conference on Biodiversity: Exploration, Exploitation and Conservation for Sustainable Development (ICB-01)</b>  <b>Assam</b>	<b>GC-MS analysis of bioactive compounds in methanolic extract of leaves of <i>Spondias pinnata L.</i></b>	<b>5<sup>th</sup> January, 2022</b>
<b>3</b>	<b>Pinaki Dey</b>	<b>International Multidisciplinary Webinar on “Climate Change Impact on Agriculture, Environment and Sustainable Development</b>  <b>Kolkata, West Bengal</b>	<b>Evaluation of Trophic Status of Freshwater Ecosystem of Baghmundi (Purulia District , West Bengal) based on Physicochemical Analysis of Water and Green Algal Flora</b>	<b>11,12,13February, 2022</b>
<b>4</b>	<b>Zeba Perween</b>	<b>International Multidisciplinary Webinar on “Climate Change Impact on Agriculture, Environment and Sustainable Development</b>  <b>Kolkata, West Bengal</b>	<b>Potential of an Ethnomedicinal Tree <i>Diospyros melanoxylon Roxb.</i> in Agroforestry for Sustenance of Rural Population of Jharkhand</b>	<b>11,12,13February, 2022</b>

5	Amulya Kumari	<b>International Multidisciplinary Webinar on “Climate Change Impact on Agriculture, Environment and Sustainable Development</b>  <b>Kolkata, West Bengal</b>	<b>Preference in Plantation of Multipurpose Ethnomedicinal Trees in Agroforestry for Sustainability in Jharkhand</b>	<b>11,12,13 February, 2022</b>
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- Time table incharge
- Examination incharge
- Incharge of Central Instrumentation Laboratory
- Ph.D. Coursework incharge
- DRC Member
- Member of Departmental Committees-
- Radio Khanchi Lecture- topic Ulotrichales
- Lecture at HRDC, Ranchi in Refresher Course

<b>28 June 2018</b>	<b>Refresher Course on Environmental Science and Disaster Management (Certificate issued by the Director, HRDC, RU, Ranchi. Ref No.: /UGC-HRDC/RU/644/1/18 Dated 28.06.2018)</b>	<b>Glimpses of fascinating world of algae and their role in sustainable development</b>
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