

# JAMUNA TUDU

**Designation:** Assistant Professor,

**Address:** P. G. Department of Life Science,  
Rama Devi Women's University, Vidya Vihar,  
Bhubaneswar-751022Odisha, India.

**Qualification:** M.Sc. (Botany)

**Date of Birth:** 20.03.1993

**Date of Joining:** 18.06.2016

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**Web of Science:** HTN-0118-2023



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**Area of Interest:** Microbiology, Taxonomy, Ethnobotany

**Courses Taught:** Biostatistics, Cell Biology, Ecology, Evolution, Plant Diversity, Plant Taxonomy, Plant Physiology, Microbiology, Industrial Microbiology, Bioinstrumentation

## **Academic / Teaching experience:**

- 4 years & 11 months of teaching experience as Assistant Professor in P.G. Department of Life Science, RamaDevi Women's University, Bhubaneswar, June 2018 - Present.

## **Research experience:**

- Ph.D. in Life Science, Rama Devi Women's University (October 2021- till date). (1 Year 6 Months)
- CSIR-Junior Research Fellow in the Department of Environment & Sustainability, CSIR-Institute of Minerals and Material Technology from September 2017 – June 2018. (10 Months)

## **Administrative/Executive Experience:**

- Officer in charge of Photography Club of the University (2023 to till date)
- Assistant Superintendent of Aseema Research Hostel (2022 to till date)
- Coordinator of social media of the University (Facebook, Twitter & Instagram) (2021 to till date)
- Assistant Superintendent of Indira Gandhi ST Women's Hostel (2021 to 2022)
- Auditing Officer during the Internal Audit of the UG & PG Departments of the University from (15<sup>th</sup> - 23<sup>rd</sup> December, 2021)
- Officer in charge of National Fellowship (2019 to till date)
- Deputy Superintendent and verifying officer of UG examinations.

## **Awards & Honors**

- Qualified CSIR-JRF of exam held on 18<sup>th</sup> Dec, 2016
- Qualified GATE of exam held on 12<sup>th</sup> Feb, 2017
- Awarded the Best Poster prize during the "Recent Advances in Nano Science and Technology", 19<sup>th</sup>-21<sup>st</sup>

Dec, 2017.

### Research Guidance:

- M.Sc. dissertation supervised: 8 students per year

### Research Publications:

- Kumar, S., Devi, R. S., Choudhury, R., Mahapatra, M., Biswal, S. K., Kaur, N., Tudu, J. & Rath, S. K. (2022). Orchid Diversity, Conservation, and Sustainability in Northeastern India. In Earth Systems Protection and Sustainability: Volume 1 (pp. 111-139). Cham: Springer International Publishing.

### Organization of Seminar/Conferences/ Workshops:

1. Organising of National Workshop on “Emerging Trends in Life Sciences for Sustainable Development”, organised by Dept. of Life Sciences, Rama Devi Women’s University, 8th-9th February, 2019.
2. Organising of National Conference on “Advances in Life Sciences & Biotechnology” organised by Dept. of Biotechnology & Dept. of Life Sciences, Rama Devi Women’s University, 27<sup>th</sup> – 28<sup>th</sup> February, 2020.
3. Organising member of International Webinar on “Understanding the COVID-19 Pandemic: Challenges and Opportunities” on 29<sup>th</sup> & 30<sup>th</sup> June 2020.
4. Organising of International Workshop on “Fundamentals of Bio-informatics” organized by Dept. of Life Sciences, Rama Devi Women’s University, 29<sup>th</sup>–30<sup>th</sup> January, 2021.
5. Organising of 10 days Skill based training programme on “Bioinformatics: Education & Training (Developing skills while learning)” organised by Dept. of Life Sciences, RDWU from 10<sup>th</sup> to 19<sup>th</sup> February, 2022.
6. Organising of Inauguration of Microbiologist Society India (MSI) Local Unit at Dept. of Life Sciences, RDWU on 12<sup>th</sup> March, 2022.
7. Organising member of Departmental Seminar Series on “Microbes for better tomorrow” organised by Dept. of Life Sciences, RDWU from 09<sup>th</sup> to 12<sup>th</sup> May, 2022.
8. Organising member of International Webinar (Virtual) on Microplastic pollution: Adversities and Remediation strategies, 27<sup>th</sup> & 28<sup>th</sup> April, 2023.

### Seminar/Conferences/ Workshops attended:

- National Conference & 39<sup>th</sup> Annual conference of Orissa Botanical Society on “Biodiversity Assessment, Monitoring and Conservation: Application of Biotechnological tools, 2015.
- National Seminar on “Role of Plants in Mitigation of Environmental Stress”, 31<sup>st</sup> Mar, 2016.
- National Workshop on “Advance Technique in Nano Science and Technology”, 13<sup>th</sup>-16<sup>th</sup> Dec, 2017.
- National Conference on “Recent Advances in Nano Science and Technology”, 19<sup>th</sup>-21<sup>st</sup> Dec, 2017.
- Workshop on “National Information system for Climate and Environment Studies (NICES) and it’s Data Products”, 6<sup>th</sup> April, 2018.
- National seminar on “Biotechnological Interventions towards Stress Management”, 12th January, 2019.

- National Workshop on “Emerging Trends in Life Sciences for Sustainable Development”, 8th-9th February, 2019.
- Workshop on “Internet of Things (IoT) and its Employability Aspects”, 14th-16th February, 2019.
- Workshop on “Identification and Characterization of floral & faunal Species & Methods for evaluation of their Pharmacological values”, 22<sup>nd</sup> -23<sup>rd</sup> April, 2019.
- National Seminar on “Indigenous Knowledge and conservation of Threatened Medicinal plants” organised by APRF, SoAS and CUTM, India. 30<sup>th</sup> – 31<sup>st</sup> August, 2019.
- National Conference on “Advances in Life Sciences & Biotechnology” organised by Dept. of Biotechnology & Dept. of Life Sciences, Rama Devi Women’s University, 27<sup>th</sup> – 28<sup>th</sup> February, 2020
- National Online Workshop in “Research Methodology” organized by the Faculty of Education, IGNTU, Amarkantak (MP), 26<sup>th</sup> – 30<sup>th</sup> May 2020.
- International Workshop on “Fundamentals of Bio-informatics” organized by Dept. of Life Sciences, Rama Devi Women’s University, 29<sup>th</sup>-30<sup>th</sup> January, 2021
- IANCAS-IOP outreach seminar on “Wonder Materials, Energy & Radiation” at Rama Devi Women’s University, Bhubaneswar on 27<sup>th</sup> July 2022.
- “Career counseling workshop for Home Makers” at Rama Devi Women’s University, Bhubaneswar on 10<sup>th</sup> September 2022.
- One day online workshop on RS-GIS and its applications using QGIS on 26<sup>th</sup> February, 2023
- G20 Future of Work Event and 3<sup>rd</sup> Education Working Group Meeting at CSIR-IMMT, Bhubaneswar, 23<sup>rd</sup> -26<sup>th</sup> April, 2023.

### **Refresher Course/FDP/FIP attended:**

- Faculty Knowledge Sharing Program on “Teacher-taught Relationship: A Paradigm Shift” & “Effective Classroom Management”, 9<sup>th</sup> September, 2018.
- 4-Week Induction/Orientation Programme for “Faculty in Universities/Colleges/Institutes of Higher Education”, organised by Teaching Learning Centre, Ramanujan College, University of Delhi, Sponsored by Ministry of Human Resource Development, Pandit Madan Mohan Malviya National Mission on Teachers and Teaching, 4<sup>th</sup> June to 1<sup>st</sup> July, 2020.
- Online Faculty Development Program on “Effective Stress Management for Maximising Human Productivity” conducted by Rama Devi Women’s University, funded by IDP Cell, from 9th June to 13th June, 2021.
- 5 days National Level Faculty Development Program entitled “Application of Genomics approaches in Biological Systems” from 20<sup>th</sup> to 24<sup>th</sup> February, 2023.