

BIO DATA

Name: Dr. Rajeshwari Prabha Lahare
Father's Name: Late Shri G. R. Lahare
Husband's Name: Dr. Shyam Kumar Bhaskar
Date of Birth: 07 May 1990
Status: Married
Qualification: Ph. D.
Designation : Assistant Professor
Department : Botany
Contact no : +91-9399915449
Email: rajeshwari7590@gmail.com
Official Address: Department of Botany
Govt.V.Y.T.PG.Auto. College
Durg (C.G.) Pin no. 491001
Employment Status: Class-II Gazatted
Department of Higher Education
Govt. of Chhattisgarh, India.



Educational Qualification

Ph.D. Biotechnology: (2015-2019)

Department of Biotechnology, Govt. V. Y. T. PG. Autonomous College, Durg.

Thesis Title: **Study of phytochemical and molecular analysis of *Andrographis paniculata*.**

Post Graduation: (2013) (M.Sc. five years integrated course)

M.Sc. Biotechnology 76.50% from SoS in Biotechnology, Pt Ravishankar Shukla University Raipur.

Graduation: (2011) (M.Sc. five years integrated course)

B.Sc. Biotechnology 72.08% from SoS in Biotechnology, Pt Ravishankar Shukla University Raipur.

Academic Achievements

1. **CSIR-NET Lectureships (Life Science)** qualified in 2012 and 2013.
2. **GATE (Biotechnology)** qualified in 2013.
3. **ASRB-NET (Agricultural biotechnology)** qualified in 2013.

4. **CG-SET (Life Science)** qualified in 2013.
5. **CSIR-UGC NET (Environmental Science)** qualified in 2014.
6. **CG-SET (Life Science)** qualified in 2019.

Positions Held

1. Assistant Professor, Department of Botany, Govt. V. Y. T. PG. Autonomous College, Durg, 20 May 2022- till date.
2. Senior Research Fellow, Department of Biotechnology, Govt. V.Y.T. PG. Autonomous College, Durg, 01 April 2017-30 Sep 2019.
3. Junior Research Fellow, Department of Biotechnology, Govt. V.Y.T. PG. Autonomous College, Durg, 01 April 2015-31 March 2017.
4. Contractual Guest lecturer, Department of Biotechnology, Govt. Science College, Raipur, 22 Aug 2014- 31 March 2015.
5. Contractual Guest lecturer, Department of Biotechnology, Govt. Degree Girls College, Raipur, 10 Aug 2013-28 Feb 2014.

Awards/Fellowship:

- **Chhattisgarh Young Scientist Award** received in 2017 by CGCOST.
- Rajiv Gandhi National Fellowship (Doctoral fellowship) 2014-15 awarded by University Grant Commission (UGC) New Delhi.

Patent

- Title of invention: A process for HPTLC based quantification of andrographolide in *Andrographis paniculata*. Kumar Anil, Nahar Lutfun, **Lahare Rajeshwari Prabha**, Sahu Nidhi.2021.

Book Chapter published

- A. Kumar and **R. P. Lahare**, 2020.Pharmacological significance of *Andrographis paniculata*.*Research trends in Medicinal Plant Science*.Vol18: 41-70.

Research paper published

- **Lahare, R.P.,** Kumar, A. 2019. HPTLC based screening of β -sitosterol from *Andrographis paniculata*. *Nature environment and pollution technology* 18 (3): 949-954.
- **Lahare, R.P.,** Kumar, A. 2019. Identification of functional groups in leaf, stem and root extracts of *Andrographis paniculata* by FTIR. *Research journal of chemistry and environment* 23 (12):106-110.
- **Lahare, R.P.,** Yadav, H.S., Dashhare, A., Bisen, Y.K. 2020. An updated review on phytochemical and pharmacological properties of *Catharanthus rosea*. *Saudi journal of medical and pharmaceutical sciences* 6 (12): 759-766.
- **Lahare, R.P.,** Bisen, Y.K., Yadav, H.S., Dashhare, A. 2020. TLC based phytochemical analysis and antioxidant activity of *Senna alata*. *International journal of advanced research* 8 (11):1099-1107.
- **Lahare, R.P.,** Yadav, H.S. 2020. Assessment of total phenol and flavonoid content of *Costus speciosus* and *Catharanthus rosea* in different geographical regions of Balaghat district, Madhya Pradesh. *International journal of advanced research* 8 (11):1024-1029.
- **Lahare, R.P.,** Dashhare, A., Bisen, Y.K., Yadav, H.S. 2020. Phytochemical analysis of *Andrographis paniculata* and *Catharanthus rosea* from Korba district, Chhattisgarh India. *Scholars academic journal of Biosciences* 8 (12):423-431.
- **Lahare, R.P.,** Bisen, Y.K., Yadav, H.S., Dashhare, A. 2021. Estimation of total phenol, flavonoid, tannin and alkaloid content in different extracts of *Catharanthus rosea* from Durg district, Chhattisgarh, India. *Scholars Bulletin* 7(1):1-6.

SEMINARS / WORKSHOPS

- National workshop on “Recent Advances and Significance of Microbial Biotechnology” held on 24-30 december 2013, organized by Department of Botany and Microbiology, Govt. T.R.S. College, Rewa M.P.
- Workshop on Molecular Biology organized by Himedia Laboratories Pvt.Ltd.in Govt. D.B. Girls College Raipur.
- National conference on “Traditional Knowledge and Biotechnology” held on Nov22-24, 2013 organized by school of studies in biotechnology, Pt. Ravishankar Shukla University Raipur.

- Workshop on “Green Chemistry and its Future Prospects” held on 30 Nov 2015, organized by Govt. V.Y.T.PG. Auto. College Durg.
- National Seminar on “Innovations and Prospects in Biotechnology” held on 02-04 January, 2016 organized by SoS Biotechnology Pt. Ravishankar Shukla University Raipur.
- Participated on “14th Chhattisgarh young scientist congress-2016” held on 28-29 february, 2016 organized by Bilaspur Vishwavidyalaya, Bilaspur (C.G.).
- National Seminar on “On Futuristic Scope in Biotechnology Advancement and Allied Instrumentation” held on 28-29 july, 2016 organized by Amity University (C.G.).
- National Workshop on “Innovative Learning Methods in Animal Science: Discouraging Dissection” held on 08-09 december 2016 organised by Indira Gandhi Government Arts and Commerce College, Vaishali Nagar, Bhilai(C.G.)
- National Seminar on “Advance Technique in Medical Microbiology” held on 08-09 September 2016 organised by Shri Shankaracharya Mahavidyalaya Junwani, Bhilai.
- Participated on “15th Chhattisgarh Young Scientist Congress-2017” held on 28feb -01 March, 2017 organized by Chhattisgarh Swami Vivekanand Technical University Bhilai (C.G.).
- Workshop on Bioinformatics held on 9th and 10th March, 2017, jointly organized by Department of Biotechnology, Govt. V.Y.T.PG. Auto. College Durg and Sai Bioinfosys, Nagpur.
- Participated on 3rd National Conference of Zoological Society of Chhattisgarh “Prospects of Innovations in Life Science and Socio-Economic Challenges” held on 2-3 december 2017, Department of Zoology, C.M.D. College, Bilaspur.
- Workshop on “Opportunities and Entrepreneurship in Biotechnology” held on 31 March 2017, organized by School Of Studies In Biotechnology, Pt. Ravishankar Shukla University Raipur.
- Symposia on “Sustainable Environment and Natural Resources” 29th and 30th January 2018, organized by Dept. of Chemistry and Biotechnology of Govt.V.Y.T.PG. Auto. College Durg (C.G.).
- Participated on “Vanaushadhi 2018 Chhattisgarh” held on 3-4th February 2018 at Chhattisgarh Medicinal Plant Broad, Raipur.
- Participated on “Anveshan Central Zone Student Research Convention 2018-19” during 28,29th January 2019 held at Kalinga University Atal Nagar, Raipur.

- Workshop on “CRISPER/Cas-9 TECHNOLOGY” 25th to 26th Feb, 2019 jointly organized by Indian institute of technology, Kharagpur and Department of Botany and Biotechnology, Govt. V.Y.T.PG. Auto. College Durg (C.G.).
 - Participated on International Webinar on “Recent problem and prospects of COVID-19” held on 31May 2020, organized by Department of Biotechnology, Govt. V.Y.T.PG. Auto. College Durg (C.G.).
 - Participated on National Webinar on “Ecosystem Restoration” held on 06-07 June 2021, organized by Science Department under Eco club and Internal Quality Assurance Cell of Govt. V.Y.T.PG. Auto. College Durg (C.G.).
-