

Curriculum Vitae

Name	Dr. Ranjan Padhy
Designation	Assistant Professor in Botany (OES - I)
Address	S.K.C.G Autonomous College, Paralakhemundi, Gajapati
Phone / Mob. No.	8895139997
Email	ranjanpadhy07@gmail.com / botanysdvm@gmail.com

Educational Qualification: MSc, MPhil.(Bot), MSc (Biotech),PGDBT, BEd.,MBA (HR), PhD.

Sl. No	Degree	Institution / University	Year of passing
1	M.Sc. (Botany)	Berhampur University	2002
2	PG Diploma (Biotechnology)	Khallikote Autonomous College, Berhampur University	2004
3	M.Phil. (Botany)	Berhampur University	2006
4	M.Sc .(Biotechnology)	Kuvempu University	2008
5	MBA (HR)	Sikkim Manipal University	2010
6	PhD. (Biotechnology)	Berhampur University	2016
7	B.Ed.	Acharya Nagarjuna University	2021

Research Area of Interest / Specialization:

- Microbiology, Plant Biotechnology, Molecular Biology, Phyto Pharmacology, Pharmacognosy & Ethno botany.

Experience: Teaching: 16 years; Research: 10 years.

- Eight years of experience in teaching **M.Sc** students (Biotechnology & Micro Biology) at **P.G. Dept. of Biosciences** and B. Pharm-Remedial Biology, Applied Microbiology and Industrial Biotechnology to Pharmacy students at College of Pharmaceutical Sciences, Mohuda, Berhampur (Odisha) from 20.5.2008 to 31.7.2016.
- Seven years of teaching experience in teaching U.G students at SDVM, Berhampur from 1.8.2016 to 31.05.2023 as assistant Prof. and Head, Dept. of Botany.

- Worked as **Guest faculty for two years** in P.G. Department of **Biotechnology and Botany, Berhampur University** during the session 2014-2016 for teaching subjects like **Immunology, Microbiology, Plant Biotechnology** etc.
- Working as Assistant Prof. and Head (Dept. of Botany) S.K.C.G Govt. Autonomous College, Paralakhemundi, Gajapati, (Odisha).

Student/s Guided: M.Sc (dissertation) – 25 nos.

BSc(H) (dissertation) – 25 nos.

Other professional Experiences:

- Appointed as **member of Board of Studies** in Biotechnology and Bioinformatics of Berhampur University.
- Name recommended by the Board of Studies for the Panel of **Examiners** in **M.Sc.** and **B.Sc.** (Theory and Practical) exams of Berhampur University in the subjects of Microbiology, Biotechnology and Botany.
- Served as Admission Officer and Academic **in charge** of PG Dept. Of Biosciences, CPS, Berhampur, Gm, for academic years from 2011-15.
- Appointed as Associate Editor of the Journals: Saudi Journal of Biological Sciences (SJLS) and Scholars Academic Journal of Biosciences (SAJB) with effect from 17th December 2017.
- Served as HoD., Dept of Botany, SDVM, N.K.Nagar, BAM from 1.8.2016 to 31 May 2023.

Research Papers Published In Refereed/Peer Reviewed Journals

1. **Padhy R.** and Dash SK. (2015). “Medico-folklore study on some Pteridophytes from Kerandimal hills of South Odisha with emphasis on *Drynaria quercifolia* (Linn.) J. Smith”. *Research Journal of Pharmaceutical, Biological and Chemical Sciences (RJPBCS)*. Volume 6, Issue 4 (Jul -Aug. 2015). PP 2029-2035. [**Scopus & SCI Indexed**]
2. **Padhy R.** and Dash SK and Acharyya S. (2018). Pharmacognostic Studies on the Root of *Anthocephalus cadamba* (Roxb.) Miq. *Pharmacognosy Journal* 2018; 10(5): 973-978. [**Scopus & SCI Indexed**].
3. **Padhy R.** and Dash SK. (2015). “Antibacterial Evaluation of Methanolic Rhizome Extract from an In *Vivo* and In *Vitro* Grown Pteridophyte, *Drynaria quercifolia* (Linn.) J Smith”. *Asian Journal of Pharmaceutical and Clinical Research (AJPCR)*. Volume 8, Issue 4 (Jul -Aug. 2015), PP 130-138. [**Scopus & SCI Indexed**].
4. **Padhy R.**, and Dash S K (2018) “Ethno-Ecology of *Pandanus Fasicularis* Lamk., the Bulga Plant of Ganjam Hinterland, South Odisha (India) in Haya: **Saudi J. Life Sci.**; Vol-3, Issue-1 (Jan, 2018): 255-258; ISSN 2415-623X (Print), ISSN 2415-6221 (Online).

5. **Padhy R**, Patro S K, Jena M, and Dash S K (2017) “Toxicity evaluation of methanolic rhizome extracts obtained from *Drynaria quercifolia* (Linn.) J. Smith in experimental animals. Haya: **Saudi J. Life Sci.**; Vol-2, Issue-7 (Oct, 2017): 255-258; ISSN 2415-623X (Print), ISSN 2415-6221 (Online).
6. **Padhy R**, Dash SK, Patra S and Patro SK (2014). “*Studies on Healing Activity Vis-A-Vis Micro flora of Acute Induced Wounds against Solvent Extracts of Rhizome of Drynaria quercifolia Linn.*” *IOSR Journal of Pharmacy and Biological Sciences (IOSR-JPBS)*. Volume 9, Issue 5 Ver. I (Sep -Oct, 2014), PP 38-49. **[ESCI Indexed]**.
7. **Padhy R**, and Dash S K (2018) “Study on Antimicrobial Efficacy of an Indigenously Prepared Herbal Ophthalmic Solution against Selected Eye Pathogens Associated With Eye Diseases” in Haya: **Saudi J. Life Sci.**; Vol-3, Issue-1 (Jan, 2018): 255-258; ISSN 2415-623X (Print), ISSN 2415-6221 (Online).
8. Patro S, Sasmal D, Mazumder PM, Behera P, Lal UR, Dash SK and **Padhy R**. “Review on Genus *Canthium*: Special Reference to *Canthium coromandelicum* – an Unexplored Traditional Medicinal Plant of Indian Subcontinent.” *American Journal of Phytomedicine and Clinical Therapeutics*, 2014; 2(6): 796-813.
9. **Padhy R**, and Dash SK and Padhy S. (2016). “Pteridophyta Diversity of South Odisha, India, with Special Reference to Medico Folk Lore Claims: A Brief Review”. **J Biodiversity**, 7(1): 25-32.
10. **Padhy R.**, Dash SK and Patro SK (2016).“Evaluation of anti diarrheal activity of methanolic rhizome extract of *Drynaria quercifolia* (Linn.) J. Smith in albino rats”. **Pharma Wave**, volume 9; 1-10.
11. Padhy S., Dash SK, Panda BB, Mishra MK, Sahu D., Das M, Nayak S., Das B., Mohanty P and **Padhy R** (2016). “ *Pandanus fascicularis* Lamk. (Kewda): The Prime Vegetation in the Hinterland Biodiversity of Coastal Odisha, With Unique Ethnic Utility, Genetic Variation and Economics- A Review” **J. Biodiversity**, 7(1): 33-49.
12. Patro S, Behera P, Posa MK, Sasmal D, **Padhy R.**, Dash SK. “Pharmacological Review of *Flacourtia sepiaria* (Ruxb.)”. *Scholars Academic journal of Pharmacy*, 2013; 2(2): 89-93.

Workshops / training programmes / Conferences/Seminars attended:

- Participated in the workshop on ‘*Modern techniques in studies of abiotic stress and stress inducible genes in plants*’ sponsored by Department of Biotechnology, Govt. of India at Institute of life sciences (ILS) Bhubaneswar, (Odisha), 21-24 March 2006.
- Participated in the workshop on ‘*Clinical trial management & Opportunities*’ organized at M.K.C.G. Medical College, Berhampur (GM) on 30th April & 1st May 2006.
- Participated in the UGC Sponsored National Seminar held at Chikiti Mahavidyalaya on ‘*Intellectual Property protection vis-à-vis Human rights and Ethics*’, 28 Feb & 1 March 2009.

- Participated in the UGC Sponsored National seminar on '**Biotechnology for Human Welfare and Prosperity**' held at Science College Hinjilicut (Gm) on 22 and 23 March 2009.
- Participated in the National Seminar on '**Drug Delivery and Drug Targeting Research**' held at SPER, Berhampur University, on 20th December 2009.
- Participated in the Short term Bioinformatics training Programme on "**Bioinformatics in sequence Analysis, Molecular Modeling and Drug Designing**" Sponsored by Department of Biotechnology Govt. of India organized at Berhampur University BIF Centre, Bhanja Bihar, 29 June to 3 July 2010.
- Participated in the UGC Sponsored National Seminar held at Chikiti Mahavidyalaya on '**climate change**', 19th & 20th November 2011.
- Participated in the national seminar on "**Ecotoxicology and Human Health**" held at department of Zoology & Botany of Berhampur University, 8th & 9th January 2012.
- Participated in the **International** symposium on "**Genomics in Aquaculture**" held at Central Institute of fresh water Aquaculture (**CIFA**) Bhubaneswar, 22-23 January 2013.
- Participated in DBT sponsored national Workshop on "Biotechnology for Economic enhancement of rural community in southern region of Odisha" organized by SCDC in association with department of Zoology Berhampur University, 11th September 2015.
- Participated in Workshop Cum Training on "Recent Development and Future Trends of Bioinformatics in Biological Sciences" Sponsored by Department of Biotechnology Govt. of India organized at Berhampur University BIF Centre, Bhanja Bihar, 26-27 December, 2016.
- Participated in the international conference on "Recent trends of Chemical & Biological Science in medicine, natural product and drug discovery" held at Berhampur University, Odisha, 3-5 March, 2017.
- Participated in the international conference on "Emerging trends in Agribusiness Management" held at Kalam Institute of Technology, BAM, Odisha, 17-18 March, 2018.
- Participated in the National conference on "Biodiversity, Biotechnology and Bioinformatics" held at Berhampur university, Odisha, 22nd and 23rd February, 2019.
- Participated in the 24th Regional conference – 2021 of Orissa Chemical Society on "Environment Management in 21st Century" held at SDVM, BAM, Odisha, 28th November, 2021.
- Organized the Programme on Water, Agriculture, and Health (WAH) held from 3rd – 5th March, 2023 at Saraswati Degree Vidya Mandir, N.K. Nagar, Berhampur sponsored by NCSTC, DST, Govt. of India.
- Organized programme/ Seminar on "Invest in our planet" on 22nd April 2023 Saraswati Degree Vidya Mandir, N.K. Nagar, Berhampur sponsored by NCSTC, DST, Govt of India.

Curriculum Projects Handled:

- *In vivo* & *in vitro* analysis of medicinal/s based on medico folklore literature of Odisha State. (Ph D. Project - Completed).
- Isolation and characterization of IAA producing plant growth promoting rhizobacteria associated with *Jasminum auriculatum*.
- Biotechnological analysis of dairy Effluent Using Cyanobacteria.

- Alcohol fermentation & Studies in Effluent treatment plant in Aska Sugar Industry, Aska, Ganjam (Odisha).
- Virulence Reduction and Antibacterial Efficacy Studies of a Natural Product Using Plasmid Curing Technique.
- Screening of Wound Micro flora, Phytochemical Screening and Scientific Evaluation for Wound Healing Activity of the plant *Pteridium indicum* linn.
- Scientific validation study of the herbal tablets for antipyretic potency in albino rats of Wister strains.
- Hepatoprotective study of the plant extract on paracetamol induced hepatotoxicity.

Specialization: **M.Sc.** - Botany/Microbiology & Microbial Technology / Biotechnology.
 M. Phil. - Biotechnology.
 MBA - Human Resource Management.
 Ph D. - Biotechnology.

Computer Skills:

Platform : *Windows XP, 2000, 98, Windows Vista*
Tools : *MS Offices.*
Statistical software : *Graph pad prism version 5 and 6.*

Correspondence Address :

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 Father's Name - Late Sri Somanath Padhy
 Address - Plot No. - 12, QR No.- 6, Chinmayee Nagar,
 Nilakantha Nagar, Housing Board,
 Berhampur (Gm) ODISHA. PIN-760002

DECLARATION

I hereby declare that all the above mentioned facts and figures are to the best of my knowledge and belief.

(RANJAN PADHY)