

## FACULTY PROFILE



1. Name: Dr Padmalochan Hembram
2. Designation: Assistant Professor
3. Department: Botany
4. Experience: 3yr 9 months teaching and 9 years research
5. Date of Joining Berhampur University: 01/11/2017
6. Academic Background: MSC in Botany
7. Awards and Fellowships: RGNF for PhD
8. Area of Specialization: Plant Molecular Biology
9. Subjects of interest: Plant Molecular Biology and Biotechnology
10. Membership in Professional Bodies: NIL
11. Research Publications

Sl. No.	Author (s)	Title of the Paper	Name of the Journal, Volume, Year, Page Number
1	Lalita Mohan Behera & Padmalochan Hembram	Advances on plant salinity stress responses in the post-genomic era : a review	<u>Journal of Crop Science and Biotechnology (2020)</u> <a href="https://doi.org/10.1007/s12892-020-00072-3">https://doi.org/10.1007/s12892-020-00072-3</a>
2	Padmalochan Hembram	An outline of SARS-CoV-2 pathogenesis and the complement cascade of immune system.	<u>Bulletin of the National Research Centre, 2021</u> <a href="https://doi.org/10.1186/s42269-021-00582-2">https://doi.org/10.1186/s42269-021-00582-2</a>

12. Research Guidance

Sl. No.	Name of the Scholar	Fellowship	Title of the Thesis
1	Mr. Lalita Mohan Behera (M.Phil)	NA	Expression profiling of salinity stress responsive gene in Legume plants
2	Ms Chandashree Behera (PhD)	NA	Polyphasic study on taxonomy of the green algal genus <i>Coelastrum</i> through morphological and molecular tools.
3	Ms Purnima Hembra (P.hD)	OSHEC, Govt. of Odisha	Profiling of the <i>Aldehyde dehydrogenases</i> in <i>Phaseolus vulgaris</i> under salinity stress
4	Ms Kaberi Panda (MSC dissertation)	NA	Deviation of 3-D structure of LEA protein in <i>Phaseolus vulgaris</i> under salinity stress
5	Ms Bandana Sahu (MSC dissertation)	NA	Expression profiling of LEA protein in <i>Phaseolus vulgaris</i> under salinity stress

13. Participation in Seminars/Conferences (1<sup>st</sup> January 2016 to 31<sup>st</sup> December 2020):

Sl. No.	Programme attended (National/International)	Venue and Duration	Title of the Paper Presented
1	International	IIT Guwahati	Identification and characterization of differentially

	Symposium on Plant Biotechnology for crop improvement (ISPBCI)	January 20-21, 2017	expressed salinity stress responsive transcripts in <i>P.vulgaris</i> (L.)CV. S-9
2	22 <sup>nd</sup> Biennial Indian Photobiology Society (IPS) Conference on BDETP-2017	NIT Rourkela December, 18-20, 2017	Identification, characterization and expression profiling analysis of pectin acetylerase <i>P. vulgaris</i> under salinity stress
3	International Conference on Recent Advances in Interdisciplinary Sciences (ICRAIS)	University of Jammu January 11-12, 2019	Identification, characterization and expression analysis of ALDH in <i>P. vulgaris</i> under salinity stress

14. Invited Talks/Visiting Assignments:

- Invited speaker in BDETP-2017, NIT Rourkela
- Invited speaker in ICRAIS-2019, University of Jammu
- Invited speaker in IC-CBSDD,2019, Department of Chemistry, Berhampur University

15. Academic Assignments:

- Evaluation of Semester Examination of M.Sc students
- Internal Examiner of Practical Examination

16. Role in Academic Administration and Decision-making Bodies:

- Acting as Assistant superintendent of Saberi Ladies Hostel
- Acting as Assistant superintendent of Salunki Ladies Hostel
- Acting as Assistant superintendent of Jhanjabati Ladies Hostel

17. Any other important information:

- Attended 42<sup>nd</sup> Orientation Programme from 28<sup>th</sup> January, 2020 to 17<sup>th</sup> February, 2020 at HRDC, Sambalpur University
- Attended a 2-Week Faculty Development Programme on “RESEARCH METHODOLOGY” from October 1- October 15, 2020 at Teaching and Learning Centre, Ramanujan College, University of Delhi under the aegis of MHRD (PMMMNMTT)

18. Research Project

- Genome wide identification and expression profiling of the Aldehyde dehydrogenases in *Phaseolus vulgaris* under salinity stress.

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