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ACADEMIC DEGREES:

- Ph.D. in Botany from Regional Plant Resources Centre, Bhubaneswar under Utkal University (2011)
- M.Sc. in Botany from Berhampur University (1998)

TEACHING & RESEARCH EXPERIENCE: 20 Years

- Associate Professor, Berhampur University, Berhampur (**From 01.10.2021 to till date**)
- Associate Professor, Khallikote University, Berhampur (**3 Years**)
- Assistant Professor, Siksha 'O' Anusandhan Deemed to be University, Bhubaneswar (**10 Years**)
- JRF, SPS, Siksha 'O' Anusandhan (Deemed to be University), Bhubaneswar (**1 Year**)
- Lecturer, Dr RCSIST, Gania (**6 Years**)

ACADEMIC HONOURS AND AWARDS:

- CSIR-UGC NET Eligibility in the Subject Life Sciences in 1999.
- Best Oral Paper Presentation Award in International Conference BIONAT 2016.
- Editorial Board Member and Reviewer of various journals of high repute.

HIGHLIGHTS OF PROFESSIONAL EXPERIENCE:

❖ SUPERVISORY TEACHING:

- Ph.D. students supervised: **01 (Continuing-04)**
- M.Tech. students supervised: **02,**
- M.Pharm. students supervised: **03,**
- M.Sc. Students supervised: **05**

❖ RESEARCH GRANTS:

- Projects Completed/Ongoing: **04** i.e., DBT, Govt. of India (01), DST, Govt. of India (01), Centre of Excellence Project from OHEPEE, Govt. of Odisha (01) and DST, Govt. of Odisha (01) as PI.

❖ RESEARCH PUBLICATIONS:

(Total Citations: 442; h-index: 10; i10-index: 10)

- In Peer-reviewed, Indexed and Reputed Journals: **20**
- Conference Papers: **03**

RESEARCH INTERESTS:

- Assessment of genetic diversity of some medicinal, threatened plants using different molecular markers.
- Study of propagation and conservation of some threatened medicinal plants of Eastern Ghats.
- Phytochemical evaluation of some important medicinal plants.

SELECTED PUBLICATIONS:

- Nasim, N., Sandeep, I. S., Sahoo, A., Das, S., **Panda, M. K.**, Acharya, L., RamaRao, V. V., Nayak, S., and Mohanty, S. (2020). Population genetic structure and diversity analysis in economically important *Pandanus odorifer* (Forssk.) Kuntze accessions employing ISSR and SSR markers. *Industrial Crops and Products*. 143, 111894, doi.org/10.1016/j.indcrop.2019.111894. **(Impact Factor - 5.645)**
- Kabi, S. K., Kar, D., Shrivastava, A., Kuanar, A. and **Panda, M.K.** (2019). Patterns of Genetic Variation in a Rare and Endangered Plant: *Symplocos racemosa*. *Iranian Journal of Science and Technology, Transactions A: Science*, doi.org/10.1007/s40995-019-00693-6. **(Impact Factor - 1.194)**
- Patra, S. K., Vemulawada, C., Soren, M. M., Sundaray, J. K., **Panda, M. K.** and Barman, H. K. (2018). Molecular characterization and expression patterns of Nanog gene validating its involvement in the embryonic development and maintenance of spermatogonial stem cells of farmed carp, *Labeo rohita*. *Journal of Animal Science and Biotechnology*, 9:45, doi.org/10.1186/s40104-018-0260-2. **(Impact Factor - 4.167)**
- Mohanty, S., **Panda, M.K.**, Acharya, L. and Nayak, S. (2013). Genetic diversity and gene differentiation among ten species of Zingiberaceae from Eastern India. *3 Biotech*, 4 (4), 383-390. **(Impact Factor - 2.406)**
- Singh, S., **Panda, M.K.** and Nayak, S. (2012). Evaluation of genetic diversity in Turmeric (*Curcuma longa* L.) using RAPD and ISSR markers. *Industrial Crops and Products*, 37 (1): 284-291. **(Impact Factor - 5.645)**