

## CURRICULUM VITAE

Name: **Dr.Amrita Kumari Panda**

Designation: Lecturer

Mobile: 9861453124

Subject: Biotechnology

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### **Professional Experience:**

1. Lecturer, Department of Biotechnology, Ravenshaw University, Cuttack, Orissa 5<sup>th</sup> May 2011 to till date.
2. Lecturer, Department of Biotechnology, Roland Institute of Pharmaceutical Sciences, Berhampur University, Orissa, 24<sup>th</sup> Aug 2005 to 4<sup>th</sup> May 2011.

### **Academic qualifications:**

<b>Ph.D</b>	Biotechnology	2011	Berhampur University, Orissa.
<b>M.Sc.</b>	Biotechnology	2004	Utkal University Orissa.
<b>B.Sc.</b>	Botany (H)	2002	Berhampur University Orissa.

### **Area (s) of specialization:**

Molecular Biology and Metagenomics

### **Publications:**

1. **Panda A**, Praveen B & Bisht .S.P.S (2009) "Clinical and Pathological Status of haemoglobinopathies among Pregnant Women in Southern Orissa", **Indian Journal of Biotechnology**, 8, 456-457.
2. Bisht, S.P.S, **Panda, A. K.** (2011). "Biochemical characterization and 16sRNA sequencing of few lipase producing thermophilic bacteria from Taptapani hot water spring, Orissa, India, **Biotechnology Research International**, volume 2011, doi: 10.4061/2011/452710.
3. Bisht, S.P.S, **Panda, A. K.** (2011). "Molecular and Biochemical studies on lipase producing thermophiles from Taptapani hot water spring, Orissa, India. **Journal of Pure and Applied Microbiology**, Vol. 5 No. 2, 925- 928.

4. **Panda, A. K.**, Bisht, S.P.S, Panigrahy, A.K. (2011). Isolation and Identification of an extracellular alkali stable lipase producing thermophilic *Brevibacillus* sp. AK-P2 from an Indian Hot Spring, **Journal of Advanced Biotechnology** - ISSN: 0973-0109, 10 (09), 25-29.
5. **Panda A.K.**, Bisht .S.P.S, B. Praveen (2011) “Isolation and 16SrRNA sequencing of *Porphyrobacter* sp. AK-P3, an aerobic bacteriochlorophyll-containing sulphur reducing bacterium from an Indian hot spring”, **International Journal of Contemporary Research and Review**- ISSN: 0976 – 4852 Vol. 2 Issue 1, 1-5.
6. Satpal Singh Bisht, Jayant Mandal, B. Praveen and **Amrita Kumari Panda** (2011) Investigations on gastro protective effect of rabbit anti- rat gastrin antibody in wister albino rat. **J of Environment and Biosciences**, Vol.25 (1) 77-79.
7. Satpal S Bisht and **Amrita K Panda** (2011) Isolation and Identification of New Lipolytic Thermophilic Bacteria from an Indian Hot Spring, **International J Pharma and Bio Sciences**, Vol. 2 Issue II, pp 229-235.

#### **NCBI, GENBANK SUBMISSION : (Maryland USA)**

1. Bisht,S., **Panda, A.K.** and Behera,S.K. (2010). *Porphyrobacter* sp. AK-P3 16S ribosomal RNA gene, partial sequence.  
**GenBank Accession No. HM359118.**
2. Bisht,S., **Panda, A.K.**, Behera,S.K. and Panda,K. (2010). *Brevibacillus* sp. AK-P2 16S ribosomal RNA gene, partial sequence.  
**GenBank Accession No. HM359119.**
3. Bisht,S., **Panda, A.K.**, Behera,S.K., Boddana,P. and Mishra,R. (2010). *Acinetobacter* sp. AK-P1 16S ribosomal RNA gene, partial sequence.  
**GenBank Accession No. HM359120.**
4. Boddana,P., Bisht,S. and **Panda, A.K.** (2010). *Pseudomonas* sp. BP-1 16S ribosomal RNA gene, partial sequence.  
**GenBank Accession No. HM359121.**
5. Bisht,S., Boddana,P., Panda,K., Behera,S.K. and **Panda, A.K.** (2010). *Lysinibacillus* sp. BP-3 16S ribosomal RNA gene, partial sequence. **GenBank Accession No. HM359123.**

6. Bisht, S.S., **Panda, A. K.** and Panigrahy, A. K. *Brevibacillus* sp. AK-P2 putative phosphomannomutase gene, partial cds. **GenBank Accession No. HQ699326.**

### **Conference Presentations:**

#### **International conferences**

- **Panda A**, Bisht S.P.S (2009) “Hot water Thermophiles of Orissa: Still Unzipped” International Symposium on Emerging Areas in Biosciences & Bioengineering at Indian Institute of Technology Bombay, India 26-28<sup>th</sup> February 2009.
- **Panda A**, Bisht S.P.S (2009) “Microbial Diversity and Whole cell Protein analysis of few microbes from hot water spring of Orissa, India” International Conference on Thermophiles 2009 at Beijing, China 16<sup>th</sup> -21<sup>st</sup> August 2009.
- **Amrita K Panda** and Satpal S Bisht (2011) “16S rRNA sequencing of few lipase producing thermophilic bacteria from Taptapanai water spring, Orissa, India; A first hand report”. International Union of Microbiological Societies Congress 6-10 September 2011 (IUMS 2011) Japan.

#### **National Conferences**

- **Amrita Kumari Panda**, Satpal Singh Bisht and A.K.Panigrahy (2012) “Production of extracellular lipase from *Brevibacillus* sp. AK-P2 (HM359119) from Taptapani hot water spring”. National Seminar on Ecotoxicology and Human health January 8-9, 2012, Berhampur University, Orissa.
- **Amrita Panda** and Satpal Singh Bisht (2011) “Ribotyping of few lipase producing thermophilic bacteria from Taptapani hot water spring, odisha, India”. National Seminar on Nanobiotechnology: Concepts, Applications & perspectives on 9<sup>th</sup> April 2011, Roland Institute of Pharmaceutical Sciences, Berhampur, Orissa.
- **Panda A**, Bisht S.P.S and Panigrahy A.K (2010) “Protein profile of few thermophilic bacteria from Taptapani hot water spring, Orissa” a UGC sponsored National Seminar on "Application of Animal and Plant Biotechnology for Human Needs" on 14.12.2010 and 15.12.2010 at Godavaris Mahavidyalaya, Banpur, Orissa.
- **Panda A** and Bisht S P S (2010) “Molecular Characterisation of few amylase and lipase producing thermophiles from Taptapani hot water spring, orissa” National Seminar on Modern Biology and Human Welfare March 28-29, 2010, Berhampur University, Orissa.



- CSIR-UGC NET December, 2009(LS)      Lecturer ship (All India Rank 134)
- GATE 2004:      Percentile 86.23
- JRF (2006)      DST Project CRRI, Cuttack, Orissa. (Awarded)
- JRF (2007)      DBT Project BHU, India. (Awarded)
- University Rank:      Botany (Hons.) Berhampur University.
- First position:      M.Sc. Biotechnology Ravenshaw  
(Autonomous College, Orissa, India).
- Selected as an Assistant Professor Biotechnology (Contractual), GGU,( Central University) Bilaspur
- Selected as an Assistant Professor Life Sciences (Adhoc), RIE (NCERT), Bhubaneswar, Orissa

**Membership in Professional Bodies:**

Life member of Association of Microbiologists of India.

**(Amrita Kumari Panda)**