

## Curriculum Vitae

### **LIPIKA PATNAIK**

Designation: **Reader**

Subject: **Zoology**

Reader in Zoology, School of Life Sciences

Ravenshaw University

Cuttack (Orissa)-753003

Mobile: 09879345953, 07894516375 ~ E-Mail: lipika\_pat@yahoo.co.uk

**Objective:** To eke out a niche as a forceful solution provider in the field of Education and Research.

### PROFESSIONAL SYNOPSIS

- ↳ **Over 12 years** of rich cross-functional experience in Academics.
- ↳ Deftness in swiftly ramping up projects in close co-ordination.
- ↳ An effective communicator with excellent relationship management skills and strong analytical, problem solving & organizational abilities.

### CAREER CONTOUR

**Ravenshaw University, Cuttack (Orissa)**

**28<sup>th</sup> June –Till date**

**NV Patel College of Pure and Applied Sciences, Anand (Gujarat)**

**19<sup>th</sup> June'1998 - 28th June 2010  
(Before Office hour)**

**(Accredited 'A' grade by NAAC under new assessment)**

### **KEY RESULT AREAS:**

#### **Responsibilities:**

- ↳ Criterion coordinator of Classroom teaching and Internal and External Communication for ISO.
- ↳ Criterion Coordinator of Teaching-learning and Evaluation for NAAC Accreditation programme of the college.
- ↳ Head Co-coordinator Counseling system from 2007 to May 2010.
- ↳ Wall magazine Ex-Officio from June 2001 to June 2006.
- ↳ Coordinator of Institutional Student academic Calendar preparation committee from 2006 to 2008.
- ↳ Board of Studies member and on Examination panel of University as Paper setter and Examiner from 1999 to May 2010.
- ↳ Examination in-charge of Biological & Environmental Sciences Department from 2005 to March 2010.
- ↳ Responsible for conducting Sessionals, Tutorials and Remedial.
- ↳ Core Committee member of Institutional Library Advisory Committee.
- ↳ Department Instrumentation maintenance member-in-charge.
- ↳ Co- Guide of M.Sc Students (ISTAR, Sardar Patel University).
- ↳ Recognized Mphil guide by Sardar Patel University.
- ↳ Core Committee member of Institutional IQAC cell.

### SCHOLASTICS

**Ph .D in Environmental Science from Utkal University, Bhubaneswar, 2007  
Aquatic Pesticide Toxicology**

**Mphil in Zoology** (Specialization in Environmental Biology) from Utkal University, Bhubaneswar, 1997 with **75%. Concentrations- Biochemistry, Developmental biology, Instrumentation, Endocrinology, Histochemistry**  
**Dissertation-** White Tiger behaviour, caging and study of other animals & climatic conditions at Nandankanan zoo.

**M.Sc in Zoology**(Specialization in Environmental Biology)**from** Utkal University, Bhubaneswar,**1996** with **76.5%. Concentrations- Biochemistry, Developmental biology, Instrumentation, Endocrinology, Histochemistry**  
**Dissertation** - Study of different water bodies in Bhubaneswar, Cuttack and Puri to assess water pollution.

**B.Sc (Hons) in Zoology from Ravenshaw College, Cuttack, 1994 with 70.5% and Distinction.**

Subjects: **Zoology (Hons), Chemistry, Botany,** Energy resources and English.

**Areas of Research:** Aquatic Toxicology, Pollution research and Phytoremediation

#### PROFESSIONAL ENHANCEMENTS

##### Training undergone

- ↪ Workshop on Tools and Techniques in Bioinformatics and Molecular Biology, NV Patel College of Pure and Applied sciences from **4<sup>th</sup> -6<sup>th</sup> December 2009.**
- ↪ National Workshop on Potential Alternatives to Dissection and Animal experimentation in Zoology and the Practical curriculum, ICC Jaipur from **19<sup>th</sup> Nov-21<sup>st</sup> Nov 2009.**
- ↪ **National workshop on Chemical Safety in Industry** Institute of Science and Technology for Advanced Studies and Research (ISTAR) V.V Nagar on **19<sup>th</sup> September 2009.**
- ↪ National workshop on Biodiversity Assessment, Mangalore University from **15<sup>th</sup>- 17<sup>th</sup> February 2008.**
- ↪ Training programme in specialized aspects of Biotechnology, Institute of Chemical Technology, University of Mumbai from **28<sup>th</sup>-29<sup>th</sup> January 2006**
- ↪ Training programme in Modern biological Techniques, Vallabh Vidyanagar.

##### Career Advancement course

- ↪ Participated in the four week Orientation course in Natural Science organized by Jawaharlal Nehru University, New Delhi from Nov 10<sup>th</sup> to Dec 14<sup>th</sup> 2001.
- ↪ Participated in the four week Refresher course in Environmental Sciences organized by Jawaharlal Nehru University, New Delhi from Feb 23<sup>rd</sup> to March 19<sup>th</sup> 2004. ('A' grade)

##### Books

- ↪ **A Text Book of Zoology, 2006-2007 and Revised edition 2009-2010** for F.Y B.Sc (Biology) Students of Sardar Patel University (Published by Atul Prakashan, Ahmedabad).
- ↪ **A Practical Book of Biology, 2006-2007 and Revised edition 2009-2010** for F.Y B.Sc (Biology) Students of Sardar Patel University (Published by Atul Prakashan, Ahmedabad).

##### Research Papers in Peer Reviewed Journals:

Lipika Patnaik (2006). Haematoopoietic alterations induced by Carbaryl in *Clarias batrachus* (Linn). Journal of Applied Sciences and Environmental Management, Vol. 10, No. 3: 5-7

Lipika Patnaik (2010). Biochemical Alterations Induced By Sevin In *Clarias batrachus*. Asian J. Exp. Biol. Sci., Vol 1 (1):124 – 127

##### Conference Presentations:

###### International:

- ↪ **Presented Paper and Poster in International Congress on Environmental Research** BITS Pilani, Goa from **18<sup>th</sup> -20<sup>th</sup> December 2008.**

###### National

- ↪ **Presented Paper in National workshop cum Symposium on Potential Alternatives to Dissection and Animal experimentation in zoology and the Practical curriculum** International College of Girls, Jaipur from **19<sup>th</sup> Nov-21<sup>st</sup> Nov 2009.**
- ↪ **Presented Paper in Gujarat Science Congress** Gujarat University, Ahmedabad on **26<sup>th</sup> March 2006.**

### **Conferences/ Workshops/ Training Programs Organized:**

#### Seminars Organized

- ↵ **National level Seminar** "New Frontiers in Life Sciences" at NVPAS, Vallabh Vidyanagar, **2009** as member of Steering committee.
- ↵ **State level Seminar** "Current Trends in Environmental Sciences" at NVPAS, Vallabh Vidyanagar, **2008** as **Organizing Secretary**.
- ↵ **National level Seminar** "New Horizons in Biological Sciences" at NVPAS, Vallabh Vidyanagar, **2007** as member of Steering committee.

### **Research Projects, Evaluation Research, Consultancies:**

#### **Projects**

Co-investigator in DBT Funded Project (June 2008) on "Production of Fungal Metalloenzymes by *Pleurotus ostreatus* and their application in bioremediation of Azo dyes" amounting 30.09 lakhs for a period of three years.

### **Advisory & Editorial Boards:**

- ↵ Appointed as the Reviewer of International Journal of Fisheries and Aquaculture.
- ↵ Member of Advisory board of **Asian Journal of Experimental Biological Sciences**.

### **Awards**

- ↵ **Awarded Certificate of Exemplary Performance** and Cash prize of Rs 20000/- by Charutar Vidya Mandal for contribution as a teacher, researcher, student activities accelerator and other work in the college (**Best Faculty Award**).
- ↵ **Awarded certificate of Appreciation** by Charutar Vidya Mandal to acknowledge efforts in bringing the **honour of achieving ISO 9001: 2000** certificates to Natubhai V Patel College of Pure and Applied sciences.
- ↵ **Awarded certificate of Appreciation** by Charutar Vidya Mandal to acknowledge efforts in bringing the honour of achieving **A grade in NAAC Accreditation**.

### **PERSONAL DOSSIER**

Date of Birth	05 August, 1973
Gender	Female
Present Address	C/o Sqn Ldr AK Patnaik, Flat No.205, Subhadhara Enclave, GGP Colony, Pallasuni, Bhubaneswar (Orissa)