

BIO-DATA



Full Name : Dr. Archana Sambhajirao Injal

Father's Name : Shri. Sambhajirao Gopalrao Injal

Mother's Name : Mrs. Shamal Sambhajirao Injal

Designation : Assistant Professor

Date of Birth : 29 July, 1983

Permanent address : Plot No. 40, Balaji housing society,
Kumatha Naka, Solapur

Present address : Plot No. 40, Balaji housing society,
Kumatha Naka, Solapur

Mobile number : 9175908963, 9049277968

E-mail address : injal_archana@rediffmail.com

Gender : Female

Languages known :

Languages	Read	Write	Speak
Marathi	✓	✓	✓
Hindi	✓	✓	✓
English	✓	✓	✓
Sanskrita	✓	✓	✓

Nationality : Indian

Domicile : Maharashtra

Educational Qualifications :

Exam.	Board / University	Year of Passing	Subject	Percentage	Class
S.S.C	Kolhapur Board	1998	All	78.80%	First
H.S.C	Pune Board	2000	P.C.B	61.50%	First
B.Sc	Shivaji University, Kolhapur.	2003	Botany	81%	First
B.Sc.	Shivaji University, Kolhapur.	2004	Zoology	84%	First
M.Sc	Shivaji University, Kolhapur.	2006	Zoology (Cell Biology)	68.96%	First
M.Phil.	Shivaji University, Kolhapur.	2009	Zoology – Cell Biology	grade ‘A’	
Ph.D.	University of Mumbai (In Gogate-Jogalekar College, Ratnagiri)	June 2015	Awarded		

ADDITIONAL QUALIFICATION :

- **Rural Journalism and Mass Communication Course – June 2003.**
Department Of Adult and Continuing Education and Extension Work.
Shivaji university, Kolhapur.
- MS-CIT with first class in 2009.

Date of appointment :

Sr. No.	Name of College	Nature of Appointment	Date of Appointment		No. of Year/s & Month/s
			From	To	
01	Rajaram college, kolhapur	C.H.B. Lecturer	July, 2006	September, 2007	1 year 2 month
02	Department of Zoology, Shivaji university kolhapur	Part time Lecturer	2007	2008	1 year
03	D.B.J College, Chiplun.	Assistant professor	July, 2008	2009	1 year
04	Gogate- Jogalekar College, Ratnagiri.	Assistant professor	July, 2009	July, 2014	5 years
05	Walchand College, Solapur.	Assistant professor	August, 2014	onward	

Total Teaching Experience : Sr. College = 9 year

Research Publication/s : **National and international- 06**
Annexure-01

Paper presentation : **International – 02**
at National and International : **National – 02**
Conference **Annexure-02**

Major thrust areas : * Toxicology
within the subject * Immunology
* Cell and molecular biology
* Genetics
* Marine biodiversity
* Nanotechnology
* Plant tissue culture
* Animal tissue culture

Courses/ Workshops/ Conferences/ Seminars/ Orientation courses/ Refresher courses/ Symposia etc. attended :

Conferences:

1. National conference on Biodiversity and physiology of Aquatic resources in Sustainable Development for Rural Livelihood, organized by Deptt. Of Zoology, Dr. Babasaheb Ambedkar Marathwada University at Aurangabad on 24th and 25th October, 2009.
2. “Biodiversity of Bhatye estuary”. State level conference on Conservation Biodiversity organized by Basavprabhu Kore A.S.C. college, Chikodi, Dist. Belagavi. 30th October 2009.
3. Mangrove Biodiversity and its present status at Ratnagiri. International conference on ‘ Recent Advances in Environmental Biotechnology organized by Birla College, Kalyan on the 14th-15th November, 2009.
4. Biodiversity of Bhatye estuary, Ratnagiri. State level conference on Biodiversity organized by A.S.C. College, Panvel during 15th-16th Feb. 2010.
5. International conference on Climate change Forest Resource and Environment (ICCFRE-2011) organized by University of Kerala, 9-11 December 2011.
6. ‘Use of ICT in Higher Education’ International seminar on ICT as change agent in higher education, organized by M. D. College, Parel, Mumbai on 3rd and 4th Feb. 2012.
7. "Microbial ecology of Nachne lake, Ratnagiri”International conference on“ Urban Lake: Ecology, Rejuvenation, Technology and Economics held on 7th and 8th Sept., 2012 in the shipping corporation of India Powai, Mumbai MS400072.

8. “Application of probiotics in Aquaculture” National conference on “Aquaculture: Prospects and problems organized by Department of Zoology, The Institute of Science, Mumbai 400032 on 12 and 13th Oct. 2012.
9. “Threat to sustainability: Exploiting fish from seas for use in feed manufacturing and need of alternative feed, for use in aquaculture” National conference on “Aquaculture: Prospects and problems organized by Department of Zoology, The Institute of Science, Mumbai 400032 on 12 and 13th Oct. 2012.

Workshops:

10. One day workshop for revised practicals of M.Sc. part II Biotechnology held by Guru Nanak Khalasa College, Mumbai.
11. Marine aquarium management training programme’, May 2010, Dr. Sawant Kokan Krushi Vidyapith, Ratnagiri.
12. Participated in the workshop on” PCR and Bioinformatics”, organized by Department of Biological science, Gogate –Jogalekar College Ratnagiri on 25th-26th February 2012.
13. Mollusc taxonomy, Bombay Natural History Society (BNHS), Mumbai, July, 2010.
14. 4th Theme meeting on Micro-nano technology in service of rural development organised by SVERI’S College of Engineering, Pandharpur 12-13 april, 2015.

Co-curricular activities : List Attached

Annexure-03

Achievements:

1. ACADEMIC :

- **Shivaji University Merit Scholarship** – 2005-2006.
- **Shivaji University Merit Scholarship** – 2006-2007.
- **Dr. Appasaheb Tansen Varute Memorial Prize (For Bagging 1st rank in MSc. Zoology)-** 2006-2007

2. RESEARCH:

▪ Patent has published:

A method of preparation of ZNO nanoparticles by co-precipitation method using black tiger prawns (*Penaeus monodon*) extract.

Application no. 2422/MUM/2013

Publication date: 2/08/2013

Journal no.: 31/2013

▪ **Co- investigator for UGC Major project :**

Assessment of conservation potential of marine biodiversity of Ratnagiri district, State of Maharashtra

Funded by UGC

Year: 2010-2013

Completed Educational Project :

1. Influence Of Calcium-Zinc bioactive ceramic on histological architecture of liver of male Albino rat, 2006 (**M.Sc. Project**).
2. Impact of Calcium on bioaccumulation of Lead in gill and mantle of freshwater bivalve, *Lamellidens marginalis*, 2006 to 2008 (**M.Phil. Degree project**).
3. Induced toxicity of Chlorpyrifos on the estuarine clam, *Meretrix meretrix* from Ratnagiri coast, Maharashtra. 2010- 2014. (**Ph.D. Degree Project**).

Place : Solapur

Dr. Archana S. Injal

Research Publication/s:

1. **Archana Injal** and P.D.Raut, Remedial effect of calcium on lead induced alteration, in protein and phosphatase activities in the gills and mantle of freshwater bivalve, *Lamellidens marginalis*, Journal of Ecophysiology and Occupational Health, July,2009.
2. **Archana Injal** and P.D.Raut, Bioaccumulation of lead (Pb) and remediation by calcium chelation therapy in the gills and mantle of freshwater bivalve, *Lamellidens marginalis*. Journal of Ecophysiology and Occupational Health, 2010.
3. Madhuri PrabhuPatkar, A. S. Kulkarni, M.V. Tendulkar, S. M. Nikam and **A. S. Injal** (2011). Cypermethrin induced histological alterations in estuarine clam, *Meretrix meretrix* (Linnaeus) **Nature, Environment and Pollution technology**, Vol. 10(1) :63-66.
4. A. S. Kulkarni, M. V. Tendulkar, A. M. Guhagarkar, Sunita Nikam and **Archana Injal**, 2009. Biodiversity of Bhatye Estuary. Souvenir of UGC sponsored State level conference on “Conservation of Biodiversity”30th Oct.2009 organised by Basavprabhu Kore Arts, Science and Commerce College, Chikodi, Dist: Belgavi.
5. A. S. Kulkarni, M. V. Tendulkar, S. M. Nikam and **A. S. Injal**, 2010. Mangrove biodiversity and its conservation at Ratnagiri. **Ecology and Fisheries**, Vol.3(2) :111-120.
6. Dr. Chanda V Berde, **Ms. Archana S. Injal**, Dr. Vikrant B. Berde, Dr. Arvind S. Kulkarni (August 2014), Indian Journal of Applied research, Microbial biodiversity along Purnagad rocky shore, Ratnagiri. Vol.4(8):685-687.

Research Paper communicated:

1. **Archana Injal** and P.D.Raut, Effect of Lead and Calcium chelation therapy on behaviour of freshwater bivalve, *Lamellidens marginalis*, Journal of Ecotoxicology and Environmental Monitoring, 2013(in press).
2. Kulkarni A.S., Kulkarni S.S., Tendulkar M.V., **Injal A.S.**, Kavathekar V.K.,Berde C.V.(2012). **Abundance and distribution of phytoplankton on the Velneshwar coast of Ratnagiri, West coast of India. Journal of Marine Biodiversity Records (Cambridge)**. Manuscript ID MBDR-10-12-OA-0168 Pg. 1-11. (Under Review)
3. Kulkarni A.S., Kulkarni S.S., Tendulkar M.V., **Injal A.S.**, Kavathekar V.K.,Berde C.V.(2012). **Abundance and distribution of phytoplankton on the Karde coast of Ratnagiri, West coast of India**. International conference on “Urban lake: Ecology, Rejuvenation, Technology and Economics held on 7th and 8th Sept., 2012 in the shipping corporation of India Powai, Mumbai MS400072. (Accepted for proceeding (NASS Ecovision Journal).Pg. 1-9

4. Chanda V. Berde, **Archana S. Injal**, Madhura D. Mukadam and Arvind S. Kulkarni "Phosphate solubilising bacteria from mangrove rhizosphere from Sakhartar creek, Ratnagiri" International conference on "Urban lake: Ecology, Rejuvenation, Technology and Economics held on 7th and 8th Sept., 2012 in the shipping corporation of India Powai, Mumbai MS40007

Annexure-02

Paper presentation:

- Paper presented in 23rd National Conference of ISCAP on 'Frontiers in Applied Animal Sciences' – OCT- 2006. – Shivaji University, Kolhapur.
- Paper presented in National Conference in Department of Zoology, Marathwada University, Aurangabad, December 2009.
- International conference on Climate change Forest Resource and Environment (ICCFRE-2011) organized by University of Kerala, 9-11 December 2011.
- International conference on "Chemical, Material and Bio-sciences for sustainable development"(ICCMBD-2015). Organized by Walchand college of arts and science, solapur and Monad Nanotech Pvt. Ltd., Mumbai. 8th and 10th January, 2015

Annexure-03

College co-curricular activities :

- Worked as a Examiner at M.Sc. Biotechnology Examination from March 2011 to march 2014, Examination at **Mumbai University, Mumbai.**
- Worked as a Examiner at M.Sc. Biotechnology Examination from March 2011 to march 2014, Examination at **Mumbai University, Mumbai.**