

## Curriculum Vitae

### **Dr. Sachinkumar Ramagouda Patil**

#### **Permanent Address**

A/P- Borgaon,  
Taluka- Chikodi,  
Dist- Belgaum,  
Pin Code-591216.

**Contact Numbers** - +918855032400  
+918087279498

#### **Corresponding Address**

C/O: Ujwala S. Nakate  
S. No. 2008/B/3, Kadage Mala  
Jaysingpur, Tal: Shirol  
Dist: Kolhapur

**Email ID** -  
srp\_zoo@yahoo.co.in



#### **OBJECTIVE:-**

“It’s my desire to enhance my qualification and skills from an organization of international repute. I am looking forward to an opportunity where I can utilize my skills effectively to the growth of the organization and also further improve my personal knowledge and skill.”

#### **EDUCATIONAL QUALIFICATION:-**

- Completed B. Sc. in Zoology at Dr. Patangrao Kadam Mahavidyalaya, Sangli affiliated to Shivaji University, Kolhapur with First Class in the year 2006-07.
- Completed M. Sc. in Zoology at Department of Zoology, Shivaji University, Kolhapur with First Class in the year 2008-09.
- Awarded by Ph. D. For the thesis entitled “Limnological status of freshwater bodies from Ajara tahsil, District Kolhapur, M. S., India” from Shivaji University, Kolhapur in October 2014.

#### **PROJECT UNDERTAKEN DURING POST-GRADUATION:-**

##### **Project Title:**

Sialoadenectomic effect on Gastrocnemius muscle of *Mus musculus* (Linn.) (After removal of Submandibular gland of female *Mus musculus*, analyzed protein and LDH content of gastrocnemius muscle and compared with normal mice).

#### **TEACHING EXPERIENCE:**

- Four years of teaching experience as a lecturer at the Department of Zoology, Dr. Ghali College, Gadhinglaj from 2009-10 to 2012-2013.
- Two years of teaching experience at the Department of Zoology, R. B. Madkholkar Mahavidhyalaya, Chandgad during the academic year 2013-14 and 2014-15.
- Four years of teaching at the Department of Zoology, Jaysingpur College Jaysingpur the academic year 2015-16 to 2018-2019.

- Participated as team manager in Pasteur- 2010, arranged by the Department of Microbiology, Willington College, Sangli and won first prize for presentation of the protein synthesis model.
- Participated as team manager in Aviskar 2010, organised by Shivaji University at Vivekanand College, Kolhapur.
- Under my guidance Mr. Sandesh Chougule of B. Sc. III for academic year 2011-12 has participated in Aviskar 2012 and presented paper entitled “Physico-chemical and microbial analysis of sewage water from Gadhinglaj city” and won 3<sup>rd</sup> prize.
- Under my guidance Mr. Kiran Choudaj of B. Sc. II for academic year 2011-12 has selected for summer research fellowship 2012 at Indian Academy of Sciences, Bangalore.

#### CITATION INDEX:-

Google Scholar			ResearchGate
Total Citations	h-index	i10-index	RG Score
112	5	4	12.59

#### RESEARCH PAPERS PRESENTED:-

- Presented paper entitled “Bio efficacy of some plant extract against red flour beetle, *Tribolium castineum* H.” at two days national conference on “New horizons in insect pest management” held at Gudleppa Hallikeri College, Haveri on 6<sup>th</sup> and 7<sup>th</sup> March 2009.
- Presented a paper entitled “Hydrological Studies of Hitani Reservoir from Karnataka” in two days national seminar on “Recent Advances in Agricultural Botany” organised by Department of Botany, Devchand College Arjun Nagar on 27<sup>th</sup> and 28<sup>th</sup> September 2012.
- Presented a paper entitled “Comparative Study of New Vermiwash Model and Existing Models of India” in two days national seminar on Biofertilizers- An option for Chemical fertilizers” Organized by R. B. Madkolkar Mahavidyalay, Chandgad on 28<sup>th</sup> and 29<sup>th</sup> December 2012.
- Jointly presented paper entitled “ Avifaunal Diversity and Physico-chemical Parameters of Yarnal Wetland in North Western Karnataka, India” in International Conference on Environment and Human Health organized by National Environmental Science Academy, New Delhi on 28<sup>th</sup> and 29<sup>th</sup> November 2012.
- Jointly paper presented entitled “Avifauna of Gajargaon Wetland in South Western Maharashtra, India” in International Wetland Symposium 2012, Nepal organized by Ministry of Forests and Conservation, Nepal on 7<sup>th</sup> to 10<sup>th</sup> November 2012.

- Presented a paper entitled “Water Quality Status of Medhewadi Reservoir from Kolhapur District of Maharashtra” at three days International Conference on “Ecosystem Conservation, Climate Change and Sustainable Development” organized by Department of Aquatic Biology and Fisheries, University of Kerala from 3<sup>rd</sup> to 5<sup>th</sup> October 2013.
- Presented a paper entitled “Analysis of physic-chemical parameters in drinking water and related kidney problems from Chandgad, Kolhapur District (MS)” at One day National Conference on “Science and Technology for Sustainable Development” organized by Faculty of Science, Jaysingpur College, Jaysingpur on 20<sup>th</sup> January 2019.

#### **SEMINARS/WORKSHOPS PARTICIPATED:-**

- Attended two days national conference on “New horizons in insect pest management” held at Gudleppa Hallikeri College, Haveri held on 6<sup>th</sup> and 7<sup>th</sup> March 2009.
- Attended one day workshop on “Global warming” conducted by Adult education centre, Shivaji University at Dr. Ghali College, Gadhinglaj held on 9<sup>th</sup> February 2010
- Attended national seminar on “Preparation of skillful research papers at national and international scenario” organized by Department of Zoology, Shivaji University, Kolhapur held on 6<sup>th</sup> February 2012.
- Attended two days state level seminar on “Reflections: IQAC and its functioning” held at Dr. Ghali College, Gadhinglaj held on 5<sup>th</sup> and 6<sup>th</sup> September 2009.
- Attended two days seminar on “IAPT’s (Indian Association of Physics Teachers): Regional convention” held at Dr. Ghali College, Gadhinglaj held on 12<sup>th</sup> and 13<sup>th</sup> September 2009.
- Attended one day state level seminar on “Role of IQAC in quality enhancement of higher education” held at D. K. A. S. C. College, Ichalkaranji held on 23<sup>rd</sup> December 2011.
- Attended two days national seminar on Suicide: Psycho-social causes and preventive measures held at Dr. Ghali College, Gadhinglaj held on 7<sup>th</sup> and 8<sup>th</sup> February 2011.
- Attended two days national seminar on “Recent Advances in Agricultural Botany” organized by Department of Botany, Devchand College Arjun Nagar on 27<sup>th</sup> and 28<sup>th</sup> September 2012.
- Attended two days National level Seminar on “Biofertilizers- An option for Chemical fertilizers” Organized by R. B. Madkholkar Mahavidyalaya, Chandgad on 28<sup>th</sup> and 29<sup>th</sup> December 2012.
- Attended one day workshop on “Construction, Management and maintenance of Aquarium” organized by Ajara Mahavidyalay Ajara on 25<sup>th</sup> March 2013.
- Attended three days International Conference on “Ecosystem Conservation, Climate Change and Sustainable Development” organized by Department of Aquatic Biology and Fisheries, University of Kerala from 3<sup>rd</sup> to 5<sup>th</sup> October 2013.

- Attended one day National Conference on “Pioneers in Zoology” organized by Department of Zoology, Arts, Commerce and Science College, Palus on 20<sup>th</sup> August 2015.
- Attended a Two day National Seminar on “Threatened and Endangered Fauna with Special Reference to Birds of South India” organized by Department of Zoology, G. I. Bagewadi Arts, Science and Commerce College, Nipani from 14<sup>th</sup> to 15<sup>th</sup> September 2015.
- Attended three days “Butterfly Festival 2016” Organized by Malabar Nature Conservation Club, Amboli and Forest Division, Sawantwadi from 21<sup>st</sup> to 23<sup>rd</sup> October 2016.
- Attended a One day National Conference on “Science and Technology for Sustainable Development” organized by Faculty of Science, Jaysingpur College, Jaysingpur on 20<sup>th</sup> January 2019.

#### **PUBLICATIONS:-**

- Yankanchi, S. R. and **Patil, S. R.** (2009). Field efficacy of plant extracts on larval populations of *Plutella xylostella* L. and *Helicoverpa armigera* Hub. and their impact on cabbage infestation. *Journal of Biopesticides*, 2 (1): 53-57.
- Yankanchi, S. R. and **Patil, S. R.** (2010). Comparative efficacy of certain plant extracts against Dengue mosquito vector, *Aedes aegypti*. *J. Exp. Zool. India*, 13 (1): 99-101.
- R. S. Sawant, S. D. Jadhav, A. G. Godghate and **S. R. Patil** (2011). Groundwater quality of Gadhinglaj tahsil of Maharashtra. *Nat. Envi. Poll. Tech*, 10 (4): 613-616.
- **S. R. Patil**, R. S. Sawant, D. S. Kumbhar and S. D. Jadhav (2012). Hydrological studies of two aquatic ecosystems from Kagal tahsil, Maharashtra. *Environment and Ecology*, 30 (2): 376-379.
- S. D. Jadhav, R. S. Sawant, A. G. Godghate, **S. R. Patil** and R. S. Patil (2012). Assessment of ground water quality of Ajara Tahsil from Maharashtra. *Rasayan Journal of Chemistry*, 5 (2): 246-249.
- Ashvin Godghate, Shobha Jadhav, **Sachinkumar Patil**, Rajaram Sawant and Sandesh Chougule (2012). Microbial and Physicochemical Analysis of Domestic Sewage from Gadhinglaj City, Maharashtra. *Bio Chemical Science*, 2 (4): 30-34.
- **S. R. Patil**, R. S. Sawant, S. S. Patil, T. V. Sathe and R. S. Patil (2013). Avian fauna and Physico-chemical parameters of Gajargaon Pond of Ajara Tahsil, Kolhapur (M. S.). *Rasayan Journal of Chemistry*, 6 (1): 76-79.
- K. C. Khandare, **S. R. Patil** and R. S. Sawant (2013). Advanced three-in-one water filter and its advantages. *IJSET*, 2 (2): 258-266.

- Rajaram S. Sawant, **Sachinkumar R. Patil**, Aswin G. Godghate and Shobha D. Jadhav (2013). Water Pollution status of Hiranyakeshi River from India. *Global journal of Science Frontier Research (Environment & Earth Science)*, 13 (2) Ver. 1: 41-49.
- **Sachinkumar Patil**, S. S. Patil, T. V. Sathe (2013). Limnological Status of Khanapur freshwater reservoir from Ajara Tahsil, Kolhapur District (MS), India. *IJSET*, 2 (6): 1163-1174.
- Rajaram S. Sawant, Niranjana S. Chavan and **Sachinkumar R. Patil** (2014). Survey and Mapping of Freshwater Bodies from Gadhinglaj Tahsil of Maharashtra (India) by using GPS. *IOSR-JESTFT*, 8 (8), Ver. III: 17-22.
- **Sachinkumar R. Patil**, S. S. Patil, T. V. Sathe (2014). Status of freshwater bodies from Ajara tahsil of Kolhapur district (MS), India with special reference to morphometric characteristics. *IOSR-JESTFT*, 8 (9), Ver. IV: 31-37.
- **Sachinkumar R. Patil**, S. S. Patil, T. V. Sathe (2014). Comparative analysis of cropping pattern and socioeconomic status of fisherman and farmers in five major wetlands from Ajara tahsil, Kolhapur district (MS), India. *IJSET*, 3 (5): 1882 – 1892.
- **Sachinkumar R. Patil**, S. S. Patil and T. V. Sathe (2014). Temporal and Spatial Changes in Zooplankton diversity from Wetlands of Ajara Tahsil, Maharashtra, India. *IJSET*, 2 (1): 130-143.
- **Sachinkumar R. Patil**, S. S. Patil and T. V. Sathe (2015). Preliminary analysis of diversity status with reference to Pisces from major wetlands of Ajara tahsil of Kolhapur district, Maharashtra, India. *Biolife* 3 (1): 12-15.
- Rahul Shivaji Patil, **Sachinkumar R. Patil** and Rajaram S. Sawant (2015) Limnological Status of Maligre Freshwater Reservoir of Ajara Tahsil, Kolhapur District (MS), India. *The IJST*, 3 (1): 113-116.
- **Sachinkumar R. Patil**, Rajaram S. Sawant, Shobha D. Jadhav and Ashvin G. Godghate (2015). Nutrient and heavy metal status of some dug wells water from Gadhinglaj tahsil, Maharashtra. *Biolife* 3 (1): 72-76.
- **Sachinkumar R. Patil**, S. S. Patil and T. V. Sathe (2015). Occurrence of phytoplankton in major freshwater bodies of Ajara tahsil of Kolhapur district from Maharashtra, India. *AARJMD*, 1 (31): 35-45.
- **Sachinkumar R. Patil**, S. S. Patil and T. V. Sathe (2015). Seasonal Changes in Primary Productivity at Water Reservoirs of Ajara Tahsil from Kolhapur District, M. S., India. *European Academic Research*, Vol. II, Issue- 12: 15824- 15831.
- Rahul Shivaji Patil, R. S. Sawant, **S. R. Patil** and S. R. Chougale (2015). Water quality of dug-wells from Samangad Fort and adjoining area, Western Maharashtra, India. *European Academic Research*, Vol. III, Issue 3: 2893-2902.

- Rahul Shivaji Patil, **Sachinkumar R. Patil** and Sonali Subhash Sathe (2015). Microbes-proof filter for juice shops. *IJCR* 7 (6): 16760-16764.
- More S. V., Nikam K. V., Patil S. R. And Hiragond N. C. (2016). Occurrence of butterflies from Tilar Reserved Forest, Chandgad, Kolhapur District of Maharashtra (India). *Int J Recent Sci Res.* 7 (8):12855-12859.
- **Sachinkumar R. Patil** and S. S. Patil (2016). Physico-chemical characterization of water from forest covered Gavase wetland of Kolhapur district, Maharashtra (India). *IJCR*, 7 (12): 24025-24033.
- **Sachinkumar R. Patil**, Rahul Shivaji Patil and A. G. Godghate (2016). *Mentha piperita*: Phytochemical, Antibacterial and Dipterian Adulticidal Approach. *Int. J. Pharm. and Pharm. Sci.*, 8 (3): 352-355.
- **Sachinkumar R. Patil** and S. S. Patil (2017). Hydrological study of Dhangarmola freshwater reservoir from Ajara tahsil of Kolhapur district, Maharashtra (India). *JCBPS*, 7 (4): 805-818.
- **Sachinkumar R. Patil** and Rajaram S. Sawant (2018). Fish diversity and fishery yield of major wetlands from Gadhinglaj tahsil of Kolhapur district (M. S.), India. *Journal of Emerging Technologies and Innovative Research*, Vol. 5 (7): 539-545.
- S. S. Patil, **Sachinkumar R. Patil**, S. A. Manjare and K. A. Kumbhar (2019). Insight to herpato-faunal diversity in and around Medhewadi perennial water body of Kolhapur district from Maharashtra, India. *International Journal of Research and Analytical Reviews*, Special issue: 512-513.
- **Sachinkumar R. Patil** and Sampatrao S. Patil (2019). Insight to the Spatial Distribution of Amphibians at Major Wetlands and Associated Ecosystems of Western Ghats from Maharashtra, India. *Int. J. Conserv. Sci.* 10 (3): 575-586.
- Kharade Surarta D., Nikam Gurunath H., Mane Gavade Shubhangi J., **Patil Sachinkumar R.** and Gaikwad Kishor A. Biogenic synthesis of Cobalt nanoparticles using Hibiscus cannabinus leaf extract and their antibacterial activity. *Res. J. Chem. Environ.* 25 (5): 9-13

#### **OTHER RESEARCH ACTIVITIES:-**

- Working as Editorial Board member at the 'International Research Journal of India' since January 2017.
- Working as honorary reviewer at the Global Journals Inc. USA
- Worked as honorary reviewer at Asian Journal of Agriculture Extension, Economics and Sociology and received Excellence in reviewing for 1 Paper.
- Worked as honorary reviewer at Oriental Journal of Chemistry and received Excellence in reviewing for 2 Papers.

- Worked as honorary reviewer at Current World Environment and received Excellence in reviewing for 1 Paper.

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- Working as Editorial Board member at the 'International Research Journal of India' since January 2017.
- Working as honorary reviewer at the Global Journals Inc. USA since
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- Worked as honorary reviewer at Oriental Journal of Chemistry and received Excellence in reviewing.

#### **COMPUTER KNOWLEDGE:-**

The eACCP Program, Microsoft Office Word, Excel and Power point presentation-2007, Microsoft Access-2007, Adobe Photoshop, Microsoft Frontpage-2007, Web browsing and Basic statistics operations in a MS-Excel.

Completed MS-CIT in first class with distinction in January 2012.

#### **FIELD AND LABORATORY SKILLS:-**

I can perform different techniques like serological, Microbiological, Biochemical tests. I can handle experimental animals like rat, mice etc.

Knowledge of line-transect method, Camera trapping, operating GPS and compass, Water fowl and large carnivore census, Identification of birds by using field guides, plaster casting of the pugmarks and Photography.

#### **EXTRA-CURRICULAR ACTIVITIES**

- I have prepared the checklist of 'Migratory birds visiting to Rajewadi talaaw' (Dist: Sangli, Maharashtra).
- Participated as volunteer in large carnivore census at Chandoli Wildlife Sanctuary, Maharashtra in May 2006.
- Participated in the bird watching program organized by BNHS and Green Guards – local NGO based in Kolhapur, Maharashtra.
- I have been carrying out field surveys at various localities in the Western Ghats of southern Maharashtra since last 5 years.

- Worked as resource person for the bird watching camps arranged at Nul, Nesari and Gadhinglaj by Marathi Vidnyan Parishad, Gadhinglaj in 2013.
- Invited as subject expert for interviews held at Ravasaheb Anna Kitturkar Junior college, Gadhinglaj.
- Worked as resource person for program “Your question our answer” organized by Marathi Vidnyan Parishad, Ajara.
- Worked as referee for project competition in 11<sup>th</sup> Baal Vidnyan Parishad, 2014 organized by Parvati Shankar Vidhyalaya, Uttur.
- Participated in “Wild Reflections 2015- Nature photography competition and exhibition” organized by Department of Biodiversity, M. E. S. Abasaheb Garware College, Pune from 13<sup>th</sup> to 14<sup>th</sup> March 2015 and received Certificate of Appreciation.
- Actively organized and participated in various environmental awareness programs with WWF-Kolhapur from 2007-2009. I have conducted activities like
  - Nature camps for school and college students at weekends.
  - Awareness campaigns about biodiversity during wildlife week, World Environmental Day and various festivals.

#### **PERSONAL DETAILS:-**

Date of Birth : 22<sup>nd</sup> July 1982

Marital Status : Married

Hobbies : Reading Books, internet surfing, playing cricket, Photography, traveling & field work.

Languages Known : English, Hindi, Kannada and Marathi.