

ACADEMIC OUTPUT

Dr. A.P. Sawane

Professor & Head,

P.G. Department of Zoology

Anand Niketan College, Anandwan, Warora.

Dist. Chandrapur (M.S.) 442914



RESEARCH PROJECTS:

UGC SPONSORED MAJOR RESEARCH PROJECT:

“Study on the spider diversity and its correlation with plant diversity in Chandrapur District of Maharashtra”

RESEARCH SUPERVISOR

SN	Recognized Supervisor	Name of the Universities	
01	Dr. A.P. Sawane	1	Gondwana University, Gadchiroli
		2	RTM, Nagpur University, Nagpur

RESEARCH STUDENTS

SN	Name of the Student	Name of Supervisor	Title	Date of Registration	Awarded/ Submitted
01	Mr. K.N. Rawlekar	Dr. A. P. Sawane	Seasonal Variation in Hydrobiological Parameters And Biodiversity of River Kollar, Dist. Nagpur, M.S.	15/01/2009	Awarded
02	Miss. Shital Khekare	Dr. A.P. Sawane	Exploration of Ichthyofaunal Diversity and Evaluation of Nutritive Values of Fishes from Some Freshwater Wetlands in Warora Taluka, District Chandrapur, Maharashtra State	20/03/2014	Awarded

List of M.Phil. Awarded Student

S.N.	Name of Student	University where Registered for M.Phil.
01	Miss. S.B. Kinkar	Bharatidasan University, Trichi (T.N.)
02	Miss. S.R. Hapat	AlgappaUniveristy, Karaikudi, (T.N.)
03	Miss. R.L. Alone	PeriyarUniveristy, Salem, (T.N.)

Membership of Societies/Bodies:

- i. Indian Science Congress Association. Kolkata, India
- ii. Indian Association of teachers in Biological Sciences (IATBS) Mumbai, India.
- iii. CASTME-Asia, Asian Branch of Commonwealth Association of Science, Technology and Mathematics Educator, Mumbai, India
- iv. Indian Association of Aquatic Biologist, Hyderabad, (A.P.), India.
- v. Society of Environmental Sciences. Dumka, Bihar.
- vi. The Academy of Environmental Biology, Lucknow. (U.P.), India.
- vii. Society for Science & Nature, Bhopal, India.
- viii. Environment Conservation Journal. India

RESEARCH PUBLICATIONS:

- 01 Preliminary study on the seasonal distribution of zooplankton in Irai river at Dam site, district Chandrapur, Maharashtra.
Sawane A.P.,Puranik P.G. & Lonkar A.M.
Indian Journal of Environment and Ecoplanning. Published by Society of Environmental Sciences.**12 (1): 207-212 (2006)**
- 02 Impact of industrial pollution on river Irai, District Chandrapur, with reference to fluctuation in CO₂ and pH.
Sawane A.P.,Puranik P.G. & Bhate A.M.
Journal of Aquatic Biology.**Vol.21 (1) 2006. (105-110)**
- 03 Seasonal Distribution of trace elements in water of Irai River, Dist. Chandrapur, Maharashtra.
Sawane A.P.,Puranik P.G. & Bobdey A.D.
Proceedings of DAE-BRNS National Symposium on Limnology. Feb 19-21,**2007. (376-379)**
- 04 Evaluation of pollution stress on river Wainganga, (Dist-Bhandara) with special emphasis on physico-chemical parameters CO₂ and pH.

- Bobdey A.D., Puranik P.G., Bhate A.M. & **Sawane A.P.**
Proceedings of DAE-BRNS National Symposium on Limnology. Feb 19-21, **2007**.
(380-382)
- 05 Studies on water quality of Irai River, District Chandrapur with special reference to some physical aspects.
Sawane A.P., Puranik P.G. & Bhate A.M
Asian Jr. of Microbiol. Biotech. Env. Sci. Vol. 9, No. (2) : **2007** (245-248)
- 06 Assessment of water quality of river Irai (Dist. Chandrapur) on the basis of seasonal fluctuations in DO and BOD.
Sawane A.P., Puranik P.G. & Bhate A.M. J. Ecophysiol. Occup. Hlth. **4, 2007** 117-22.
The Academy of environmental Biology, India.
- 07 Impact of river basin agriculture on water quality of river Wainganga, District Bhandara (M.S.).
Bhagat V.B., Bobdey A.D., Puranik P.G., **Sawane A.P.** & Dhande Ravi
Bioscience Biotechnology Research Communications, Vol. 2 No. (2) December **2009**. (223-226)
- 08 Seasonal fluctuation of zooplankton in relation to industrial pollution in Irai River water, Dist. Chandrapur, (M.S.) India.
Sawane A.P., Puranik P.G. & Bobdey A.D.
Environmental conservation journal. **(2010)** Vol.10 (3) (81-85)
- 09 Diversity of Microfauna in Ambadi irrigation Dam, Dist. Akola (Maharashtra).
Bhagat V.B., Meshram C.B., Bobdey A.D. & **Sawane A.P.**
Bioscience Biotechnology Research Communications, Vol (3), No (1) **June 2010**
- 10 Assessment of anthropogenic activities in Akola, (Maharashtra): A thermal atmospheric study.
Bobdey A.D., **Sawane A.P.** & Dhande Ravi
Bioscience Biotechnology Research Communications, Vol (3), No (1) **June 2010**
(56- 61)
- 11 Assessment of water quality in the vicinity of municipal water pumping station of river Wainganga at Pauni, District Bhandara (Maharashtra).
Bobdey A.D., Puranik P.G., **Sawane A.P.**, Dhande R.S. & Bhagat V.B.
Bioscience Biotechnology Research Communications, Vol (3), No (1) **June 2010**,
(91-94).
12. Seasonal distribution of zooplankton in Irai river, Dist. Chandrapur, Maharashtra.
Khinchi P.J., Dahegaonkar N.R., Telkhede P.M., & **Sawane A.P.**
Journal of Science Information (*Special Issue-3 for UGC sponsored National Conference on 'Current Status of Fresh water Aquatic Biology & Water Conservation'*.) **Feb 2012**, (09-11)
- 13 Effect of domestic activities on water quality parameters of River Irai.
Khinchi P.J., Dahegaonkar N.R., Telkhede P.M., & **Sawane A.P.**
Journal of Science Information (*Special Issue-3 for UGC sponsored National Conference on 'Current Status of Fresh water Aquatic Biology & Water Conservation'*.) **Feb 2012**, (103-105).

14. Studies on water quality of Gandhi Sagar Lake, Nagpur, (M.S.),
Bobdey A.D., & **Sawane A.P.**
India. Journal of Science Information (*Special Issue-3 for UGC sponsored National Conference on 'Current Status of Fresh water Aquatic Biology & Water Conservation'.*) **Feb 2012**, (111-116).
15. Studies on Vitellogenesis in the Aquatic Beetle *Cybister Tripunctatus* (Coleoptera; Dytiscidae).
Nagarnaik K.B. & **Sawane A.P.**
Online International Interdisciplinary Research Journal, (Bi-Monthly), ISSN2249-9598, Volume-II, Issue-IV pp 45-54, July-Aug **2012**, www.oijrj.org.
16. Ichthyofaunal diversity of Kollar Dam, Dist. Nagpur, Maharashtra State.
Sawane A.P., Rawalekar K.N., Zade S.B. & Bobdey A.D.
Bionano Frontier, Special Issue. ISSN 0974-0678. **Nov. 2012** (5-6).
17. Evaluation of nutritive value of local fishes in waniregion, dist. Yavatmal, (Maharashtra State).
Khamankar D.B., Kamdi R.R. & **Sawane A.P.**
Environment Conservation Journal (ISSN 0972-3099) Vol.13 (1&2) (157-160), **2012**
18. Ichthyofaunal diversity of Wardha River and Nirguda river in selected stretch of Wani, Dist. Yeotmal (M.S.), India.
Khamankar D.B., Kamdi R.R. & **Sawane A.P.**
Environment Conservation Journal (ISSN 0972-3099) Vol.13 (1&2) (125-128), **2012**
19. Nutrient dynamics in relation to discharge of sewage in Wainganga River water at Pauni, District Bhandara (M.S.), India
Bobdey A.D. & **Sawane A.P.**
Environment Conservation Journal (ISSN 0972-3099) Vol.13 (1&2) (78-83), **2012**
20. Zooplankton abundance and its correlation with physicochemical parameters from urban lake Wani, Dist. Yeotmal, Maharashtra.
Sawane A.P. Kale M.C & Bobdey A.D.
Environment Conservation Journal (ISSN 0972-3099) Vol.13 (1&2) (141-144), **2012**
21. Some reproductive studies in *Clarias batrachus* with reference to different thermal conditions.
A.D. Bobdey, Ravi Dhande, A.P. Sawane
Environment Conservation Journal, 13 (3) pp 135-139 16.09. **2012** (ISSN 0972-3099)
Action for Sustainable, Efficacious Development and Awareness Malviya Marg, Rishikesh -249201, U.A., INDIA
22. Fish diversity of Chargaon Reservoir, District Chandrapur (M.S.) India
R.R. Kamdi, A.P. Sawane and M.C. Kale
Indian Stream Research Journal pp79-82 **11 Jan 2011** ISSN: 2230-7850

- 23 Monitoring water quality parameters from some freshwater wetlands of Warors Taluka, Chandrapur District, Maharashtra State.
S. S. Khekare and A. P. Sawane
I J R B A T, Special Issue **Feb 2015**: 136-139 p:237-243. International Journal of Research in Bioscience, Agriculture and Technology
- 24 Inculcation of value education in curriculum: A Review
Verma S.R. Kamdi R.R. and Sawane A.P.
Proceeding of International Interdisciplinary Conference-Vision 2056
ISBN: 978-93-84198-56-5 pp 481-484, **20 March 2014**, Publisher: Ahujan Sahitya Prasar Kendra, Nagpur
25. Ichthyofaunal diversity of Wardha River in the vicinity of Warora, District Chandrapur (M.S.) India
S. S. Khekare and A. P. Sawane
I J R B A T, Special Issue **Feb 2016** P. 136-139. International Journal of Research in Bioscience, Agriculture and Technology
- 26 Diversity and distribution of Spiders (Arachnids: Aranae) from Chandrapur District, Maharashtra, India. Vol.VI Issue-I P: 70-78.
A.P.Sawane
Online international Interdisciplinary Research Journal (Bi monthly), ISSN 2249-9598, Vol. VI, Issue-I **Jan-Feb 2016**
27. Zooplanktonic Diversity in Kollar river, District Nagpur (M.S.) India
Rawalekar K.N. and Sawane A.P.
Special Issue-A6, **Feb 2016** P 181-185 International Journal of Life Sciences
ISSN: 2320-7817 eISSN:2320-964X
28. Comparative studies of seasonal changes in physico-chemical parameters of two lakes in Warora, Dist. Chandrapur, (M.S.), India.
S. S. Khekare and A. P. Sawane
I J R B A T, Special Issue (2) Vol-V, **Jul 2017** p:82-86. International Journal of Research in Bioscience, Agriculture and Technology
29. Nutritive Evaluation of Some Small Indigenous Fishes from Warora Taluka, (M.S.) India
Shital S. Khekare and Arvind P. Sawane
Online International Interdisciplinary Research Journal, {Bi-Monthly}, ISSN 2249-9598, Volume-09, Issue-04, **July-Aug 2019** Issue
- 30 Macrophyte Diversity of a Tropical River from Nagpur India
RAWLEKAR K. N and SAWANE A. P
Biosc.Biotech.Res.Comm. Vol 13 Number (1) **Jan-March 2020** Pp-284-287

Popular Articles Published

1. खुम्बी: महत्व एवं उत्पादन.

विज्ञान गरिमा सिंधू, अंक: ७५, सन २०१९.

वैज्ञानिक तथा तकनिकी शब्दावली आयोग, मानव संसाधन विकास मंत्रालय, भारत सरकार, नवी दिल्ली.

- 2. अंकुश कृमी (Hook Worm)** कुमार विश्वकोश जीवसृष्टी आणि पर्यावरण: भाग १ (अंकुरण ते ग्लुकोज)
मराठी कुमार विश्वकोश, जीवसृष्टी आणि पर्यावरण, भाग १ (अंकुरण ते ग्लुकोज) महाराष्ट्र राज्य मराठी विश्वकोश निर्मिती मंडळ, २०११
- 3. काजवा (Fire Fly)**
मराठी कुमार विश्वकोश, जीवसृष्टी आणि पर्यावरण, भाग १ (अंकुरण ते ग्लुकोज) महाराष्ट्र राज्य मराठी विश्वकोश निर्मिती मंडळ, २०११
- 4. कीटक विज्ञान (Entomology)**
मराठी कुमार विश्वकोश, जीवसृष्टी आणि पर्यावरण, भाग १ (अंकुरण ते ग्लुकोज) महाराष्ट्र राज्य मराठी विश्वकोश निर्मिती मंडळ, २०११
- 5. बगळा (Egrate)** कुमार विश्वकोश जीवसृष्टी आणि पर्यावरण: भाग २ (घटसर्प ते पॅरामिशियम)
मराठी कुमार विश्वकोश, जीवसृष्टी आणि पर्यावरण, भाग १ (अंकुरण ते ग्लुकोज) महाराष्ट्र राज्य मराठी विश्वकोश निर्मिती मंडळ, २०१९
- 6. रोहित (Flamingo)** कुमार विश्वकोश जीवसृष्टी आणि पर्यावरण: भाग ३ (पांगारा ते लैंगिक पारेषित संक्रामण)
मराठी कुमार विश्वकोश, जीवसृष्टी आणि पर्यावरण, भाग १ (अंकुरण ते ग्लुकोज) महाराष्ट्र राज्य मराठी विश्वकोश निर्मिती मंडळ, २०१९
- 7. पंडा (Panda)** कुमार विश्वकोश जीवसृष्टी आणि पर्यावरण: भाग ३ (पांगारा ते लैंगिक पारेषित संक्रामण)
मराठी कुमार विश्वकोश, जीवसृष्टी आणि पर्यावरण, भाग १ (अंकुरण ते ग्लुकोज) महाराष्ट्र राज्य मराठी विश्वकोश निर्मिती मंडळ, २०१९

Books published as author or as editor.

S.No	Title with page No.	Type of book and authorship publication.	Publisher and ISSN/ISBN NO.
1.	Text Book of Zoology: Life & Diversity of Animals (Arthropoda to Protochordata)	Text Book	M/s Rajni Prakashan & Book Distributor ISBN No 978-92-83619-74-0
2.	Text book of Zoology: Cell Biology	Text Book	M/s Rajni Prakashan & Book Distributor ISBN No 978-92-83619-75-7
3.	Text book of Zoology: Animal Physiology	Text Book	M/s Rajni Prakashan & Book Distributor ISBN No 978-92-83619-74-0
4	Journal of Science Information	Research Journal	ISSN: 2229-5836