



AKASH K. BAGADE

Personal Details

Date of Birth

17th April 1993

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Specialism

Animal Physiology

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House no. 57, Bagale Barad, Solapur Road
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Existing Position

Ph.D. Research Fellow
Prof. Ramkrishna More ACS College,
Akurdi Pune - 411044,
Maharashtra, India.

Qualification:

Sr. No	Degree	Passing Year	College	University	Subject	Class.
1	SET	2019	-	SPPU, Pune	Life Science	-
2	NET	2018	-	CSIR-UGC	Life Science	AIR-84
3	GATE	2018	-	IIT-GUWAHATI	Life Science	-
4	M.Sc.	2016	PDEA'S Prof. Ramkrishna More ACS College	SPPU, Pune	Zoology	First Class with Distinction
5	B.Sc.	2014	PDEA'S Prof. Ramkrishna More ACS College	SPPU, Pune	Zoology	First Class with Distinction

Ph.D. Registered in 2020

(PDEA'S Prof. Ramkrishna More ACS College)

Topic: "Faunistics and Taxonomic Study of Freshwater Snails (Mollusca: Gastropoda) From Pune, India"

WORK DETAILS

- Lecturer** at Department of Zoology, Prof. Ramkrishna More ACS College, Akurdi Pune-44.
Experience: 07 Years
- Senior Research Fellow (SRF) at Dr. Babasaheb Ambedkar Research and Training Institute (BARTI), Pune from 04/03/2022

SUMMARY OF SKILLS

- Teaching and mentoring:** Designing and delivering lectures, supervising and providing guidance to undergraduate and post graduate students to help them achieve academic and professional goals.
- Project management:** The ability to plan, organize, and execute research projects effectively and efficiently
- Adaptability:** The ability to work in different environments, with different teams, and under changing circumstances, priorities, and requirements.

- **Time management:** The ability to manage multiple tasks and priorities effectively, including prioritizing workloads, meeting deadlines, and balancing competing demands.
- **Data analysis:** The ability to collect, process, and analyze data using statistical tools and software, such as Excel, PAST, etc.
- **Handling Departmental administrative work.**

Training and Certificates

- Certificate course in **Limnology** in 2019 From Modern College, Shivaji Nagar, Pune.
- Hands on training in **molecular biology** techniques in 2018
- Diploma in **M.R.I Technology** in 2011
- One week online multidisciplinary “**FDP on MOOCs, E-Content Development and OER**” ORGANISED by Govt. of Karnataka, Dept. of Collegiate Education Govt. First Grade college, Hungud, Dist. Bagalkot.
- Participated in Five days online ‘**Introductory course in molecular phylogenetics**’ conducted by Biologia Life Science LLP. On 27 June to 1 July 2022.

E-content Development

1. Developed and Compiled a comprehensive collection of e-content for **UG and PG** students, providing them with valuable resources for their studies and made it easily accessible by uploading it onto **Slide Share**. (<https://www.slideshare.net/AkashBagade>)
2. Created a YouTube channel named “**Bio-Geek**” that serves as a valuable resource for UG and PG students, featuring more than 262 informative videos covering SPPU exam topics, study notes, and essential Biology concepts. (Around 2489 Subscriptions) (<https://www.youtube.com/c/BioGeek>)

E-Content Developed in Following Categories

1. **Academics-** Various Video lectures on different topics of Zoology like, Genetics, Diversity, Pest Management, Cell Biology, Developmental Biology as well as some botany lectures also uploaded- **56 Videos**
2. **Research Lectures-** Lectures on Research Mythology Subject- **02 Lectures**
3. **Examination-** University Exam notification and Practice Papers for Student and their model answer videos are available in different subjects- **76 videos**
4. **Admission-** Admission for UG and PG and Ph.D. in Savitribai Phule Pune University and Ramkrishna More College, Akurdi- **05 videos**
5. **NEP-2020-** New Education Policy Related Videos- **2**

Teaching Experience:

Undergraduate and Postgraduate students in Prof. Ramkrishna More ACS College, Akurdi Pune – 411044.

Total 7 Years of Experience

Research Contributions:

Research Publications:

1. Kulkarni, Mihir R., **Akash Bagade**, and Sameer M. Padhye. "Freshwater gastropod richness patterns along an urbanization gradient in tropical India." *Journal of Urban Ecology* 7.1 (2021): Publisher **Oxford University Press**.
2. Deb, R., Takawane, P., Morey, R., Pokale, S., Baidya, B., & **Bagade, A.** (2023). "Diversity of Aquatic Beetles in Relation to Water Quality from Khadakwasla Dam, Pune". **Indian Journal of Entomology**, 1-6.
3. **Akash Bagade**, Pallavi Takawane, Rashmi Morey, Bithika Baidya¹, Abhay Khandagle Ashwini Jamble (2023). "Insecticidal potential of essential oils against *Tribolium castaneum* (Herbst.)" **Egyptian Academic Journal of Biological Sciences. A, Entomology Vol. 16(3) pp.27-44**
4. Bithika Baidya, **Akash Bagade**, Rashmi Morey, Abhay Khandagle "A Checklist of stink bugs (Hemiptera: Pentatomidae) of Maharashtra, India." **Egyptian Academic Journal of Biological Sciences, B. Zoology** (2023): **Accepted**

Research Paper Presentations:

1. Presented the Poster in International Conference on “**River for Future**” (RFF- 2020) Organized by **Department of Aquatic Biology and Fisheries, University of Kerala, India**. On Paper Entitled “**Faunistic of Freshwater Snails (Mollusca: Gastropoda) From Riverine Habitats in and Around Pune Region, India**”.
2. Presented poster at YETI in 2016, held at **Amity University, Delhi**
3. Paper presented in National level seminars held by the **Prof. Ramkrishna More ACS College Akurdi, Pune-44 in 2015**
4. Attended International Conference on **Innovative Trends in Life Sciences** organized by Sadguru Ghadge Maharaj College, Karad on 11th and 12th March 2022.
5. Presented Poster in International Conference on **Changing Perspective in Environment, Management, Humanities, Sciences and Technology** Jointly organized by- Arts, Commerce & Science College, Sonai, L.B.S Sr. College, Partur and Yuvraja’s College, Mysuru on 14th and 15th July

2022.

6. Presented Paper in 3rd National Symposium on **Entomology 2022: Innovation and Entrepreneurship** organized in association with Professor Jayashankar Telangana State Agricultural University (PJTSAU), Rajendranagar, Hyderabad, Entomological Society of India (ESI), New Delhi, Plant Protection Association of India (PPAI), Hyderabad and Agri Biotech Foundation (ABF), Hyderabad – **8-10 December 2022**

Mentoring Students for Research Project

- Guided Under graduate and post graduate students through their research projects / Dissertation (**3-5 students each year**)
- One of the student (**Maheshwari Ritika- M.Sc.-II**) achieved 1st Rank in Paper Presentation at International conference organized by Anjuman Islam Janjira Degree College of Science, Murud-Janjira.

Award:

- Junior Research Fellow (JRF) at Dr. Babasaheb Ambedkar Research and Training Institute (BARTI), Pune. March 2020 to March 2022.
- Senior Research Fellow (SRF) at Dr. Babasaheb Ambedkar Research and Training Institute (BARTI), Pune. March 2022 to Still

Contributions in various academic aspects-

Teaching- Learning and Evaluation

- Keep up with the latest developments in Zoology and incorporate them into the curriculum to ensure that students are up-to-date with the latest knowledge.
- Continuously evaluate the effectiveness of teaching methods and strategies, and make adjustments where necessary. This can be done by regularly soliciting feedback from students, and by reviewing course evaluations.
- Expand the use of ICT in teaching to enhance student learning. This can be done by incorporating more online learning activities, such as quizzes, videos, and interactive simulations, into the curriculum.
- Encourage the use of collaborative and participatory learning methods, such as group projects, case studies, and problem-solving activities.
- Development and refining learning materials for online teaching, and explore new and innovative

ways to engage students in the learning process.

Extension

- Delivered guest lectures to **F.Y. and S.Y.B. Sc.** Students Under DBT-STAR College Scheme.
- Delivered guest lectures on Introduction to **CBCS Pattern for F.Y.B. Sc.** Students at Kai Bhagubai Pingle Arts, Commerce and Science College, Chakan.
- Conducted Scientific survey of the **Biodiversity of villages** involving Under NSS Programme.
- Worked as Course Coordinator for Various workshops, field visits, visits to National Institutes and
- many other departmental activities.
- Participated in Science exhibition held by the college.
- Participated in Haemoglobin camp organised by the Rotary club.
- Participated in tree senses organized by the college.

Glimpses of Activities



**Visit to Govt. Fish Farm Hadapsar
2017-18**



**Received Award during Annual
Prize Distribution to Qualifying
NET, SET and GATE Exam**



**Delivering Lecture to School
Students on Science Day 2021-22**



Visit to Pearl Oyster Farm 2019-20



Visit to Pearl Oyster Farm 2019-20



Visit to Pearl Oyster Farm 2019-20



Visit to NARI 2017-18

**Paper Presented in International
Conference at Kerala 2020**



Summer School (2018-19)



Vermicomposting (2018-19)





Visit to ZSI- 2018-19



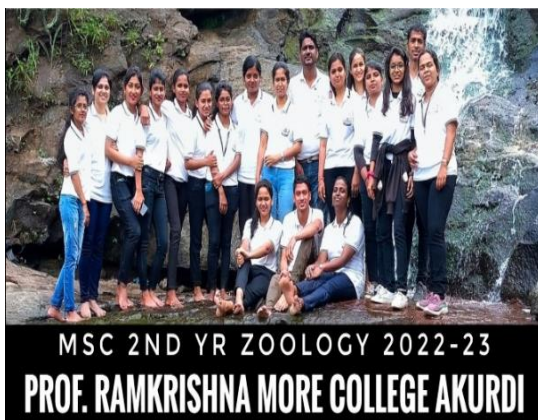
Departmental Activity- 2022-23



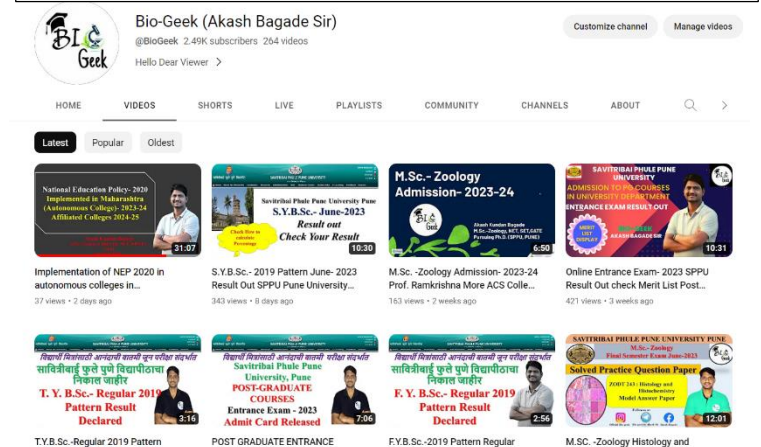
Visit to ISSER 2017-18



Extension Activity during Biodiversity Survey (2018-19)



MSC 2ND YR ZOOLOGY 2022-23
PROF. RAMKRISHNA MORE COLLEGE AKURDI



E-content Development for B.Sc. and M.Sc. Students

Declaration:

I hereby declare that, the all above information is true and correct to the best of my knowledge and belief.

Akash Kundan Bagade