

Shri Shivaji College of Arts, Commerce and Science, Akola
Faculty Profile

1. Name : Dr. Hemant P. Sapkal
 2. Address (residential) : C/O V.V. Balapure, Uttara Colony,
 Umari Road, Akola
 3. Cell no. : 9960111271
 4. E-mail : drhpsapkal@shivajiakola.org,
hsapkal@rediffmail.com
 5. Designation : Assistant Professor
 6. Department : Zoology
 7. Date of Birth : 13-03-1976
 8. Area of Specialization : Molecular biology, Animal Physiology.
 9. Computer Literacy : Passed MSCIT
 10. Academic Qualification



Sr. no.	Certificate/Degree	Divisional Board/University	Year of Passing	Percentage
1.	S.S.C.	Nagpur Divisional Board	1991	72.28
2.	H.S.C.	Amravati Divisional Board	1994	52.83
3.	B.Sc. (Bio)	Amravati University	1997	55.00
4.	M.Sc. (Zool)	Amravati University	1999	65.70
5.	SET	Pune	2005	Life Science
6.	Ph.D.	S.G.B. Amravati University	2007	Some Aspects of Thalassemia: A perspective Study.

11. Research Experience

- a) Project :- 01(minor) 01 (major)

Title of Project	Name of funding Agency	Duration	Remark
Screening and Counselling of Growing genetic and socio-economic burden of Thalassemia and sickle cell (Minor project)	UGC	18 months (2007-2009)	Completed
Study of haplotypes in some ethnic group with homozygous Thalassemia from Vidarbha Region. (Major Project)	UGC	03 year (2010-2013)	Ongoing

b) Research Paper Published

- International journal of Bioscience Biotechnology Research Communication 'A survey on the lymphatic filarial (LF) cases of Amravati Region.' Vol. (2) no.(1) June, 2009 (106-109). ISSN 97 4-6455
- International journal of Bioscience Biotechnology Research Communication 'Effect of *Daucus carota* on testis of the rat *Rattus norvegicus*. ISSN 97 4-6455

- National Journal of Life Sciences. 'Screening of lymphatic filariasis by Knott's and DEC provocation test in Amravati Region.' Vo. 6 no. 3
- International journal of Bioscience Biotechnology Research 'Chromosomal diversity in some common butterflies of family Hesperiiidae, from Akola District of Maharashtra. Vol 4(2) ISSN 97 4-6455
- International journal of Bioscience Biotechnology Research Communication 'Blood and Electrolyte response in Clarias batrachus exposed to nitrogen pollution.' Vol 4(2) ISSN 97 4-6455
- Environmental Biotechnology ' Trace elements content in Fingernails and hair of a non industrialized population. 79-86, 2013.
- Global Research Analysis 'Red cell indices in Beta-thalassemia trait from Vidharbha Region (MS).

12. Seminars/ Conferences/ Symposia/ Workshop attended and organized.

Worked as a Treasurer in the organization of UGC sponsored National Conference on Innovative research Trends in Biological Sciences, 8th and 9th 2012.

Sr. no.	Name Seminars/ Conferences/ Symposia/ Workshop	Sponsoring Agency	Organizer and Date	Remark
1	National Symposium on 'Recent Trends in Life Sciences'	UGC	Dept. of Zoology, Shri Pancham Khemraj Collge, Sawantwadi. 1-2/12/ 2006	Paper Presented
2	National Conference on 'Biotechnology And Conservation of Natural resources.'	UGC	P.G. Dept. of Zoology, Gopikabai Sitaram Gawande college, Umarked. (M.S.) 16 Dec. 2006	Paper Presented
3	International conference on 'Advances in Bioscences : From Darwin to Dolly and Beyond'.	UGC, DBT, DST.	Dept. of Zoology, Yeshwant Mahavidyalya, Nanded. (M.S.), 12-14 Feb. 2009.	Paper Presented
4	National conference on 'Modern approaches And innovations in biotechnology and Biodiversity conservation.'	UGC, DBT.	Dept. of Biotechnology, Shri Shivaji college, Amravati. (M.S.) 28 th -30 January 2007	Poster Presented
5	National Seminar on 'Evaluation of Tribal Folk	UGC	Organized by Dept. of Zoology,	Attended

	knowledge and Bio-diversity Conservation.’		Mahatma Fule College, Warud. 12 th Jan 2009	
6	Regional one day seminar ‘UGC new syllabus of Zoology : Scope for Correlative Interaction In teaching UG and PG courses’.	UGC	R.A. College, washim.	Attended
7	‘Mahila Pradyapak Parishad’	UGC	organized by Shri Shivaji College, Akola. 3 Jan 2007	Attended
8	One day state level seminar on Environmental Biotechnology in the 21 st Century’	UGC	Organized of P.G. Dept.Of Zoology, Umarched. 11-12 January 2008	Attended
9	National seminar on ‘Current trends In chemical sciences research’	UGC	Dept. of Chemistry, Shri Shivaji college, Akola. 28 th March 2008	Attended
10	State level conference on environment-Organized by ‘TREE’ Dist. Amravati, Shri Shivaji College, Akola.	UGC	Organized by social network akola 04/02/ 2007	Attended
11	State level Seminar ‘New Horizons in Biological System and Biotechnology	UGC	Dept. of Zoology, Institute of Science, Nagpur. 18 th Feb. 2010	Poster Presented
12	National Conference on ‘Climate change and challenges in Biodiversity Conservation	UGC	Dept. of Zoology, Fergusson College, Pune. 11 th -12 th , Dec. 2009	
12	One day National Seminar ‘Biodiversity and its Conservation: Need of the Day	UGC	Dept. of Zoology, Shri Shivaji College, Akot 15 th Jan. 2011	Attended
13	One day district level workshop ‘Role of Teacher for quality Education with reference to 6 th pay commission.	UGC	Shri Shivaji College, Akola	Attended
14	International Conference on ‘Global climate change and Biodiversity conservation’	UGC,DBT, DST	Dept. of Zoology and environmental science, Gurukula	Paper presented

			Kangri Vishwavidyalaya, Haridwar. (Uttarakhand)	
15	National Conference on 'Mycodiversity with its sustainable exploration and Biotechnological applications and 38 th Annual meeting of mycological society of India'.	UGC	Dept. of Botany, Shri Shivaji Science College, Akola.	Poster Presented
16	International conference on 'Anthropogenic impact on environment and bioremediation'	UGC	Dept. of Zoology, Sri Venkateshware University, Tirupati. (AP)	Paper present
17	State level Workshop on "Hands on training in DNA based techniques for teachers teaching undergraduate classes in life sciences in rural areas of Maharashtra'.	UGC	Govt. Vidarbha Institute of Science and Humanities, Amravati.	7 days workshop
18	State level seminar cum workshop on 'Integration of computer assisted learning resources in animal experiments	UGC	Dept. of Zoology, Shri Ramanand Tirth Marathwada University, Nanded.	Attended
19	One day Workshop ' IQAC Awareness Workshop'	S.G.B. Amravati University.	Shri Shivaji College, Akola. 12 th March 2013	Attended

13. Course Completed. :- Orientation and Refresher

Orientation Course- Completed successfully with 'A' Grade conducted in Academic Staff College, Pondicherry University, Pondicherry. From 10-09-2008 to 07-10-2008.

Refresher Course- Completed Successfully with 'A' Grade conducted in Academic Staff College, S.G.B. Amravati University, Amravati.

14. Teaching Experience

Courses Taught	Name of College/University/Institution	Year
PG	Shri Shivaji College of Arts, Commerce and Science, Akola	07 year
UG	Govt. Arts, Science College, Aurangabad.	08 Months
	Shri Shivaji College of Arts, Commerce and Science, Akola	07 year

15. Innovations/ Contributions in Teaching

Teaching Methods

- By distributing lecture synopsis and bibliography

- By encouraging question in the class.
 - By holding seminars
 - By giving demonstration of practical's
 - By using audio visual aids .
- a. Laboratory Experiments:- Perform different laboratory experiment for research.
- b. Preparation of resource materials:- short notes are prepared.

16. Extension activities/ consultancy/ community works

- Course Coordinator for Rio India Certification Programmes, Run by UNESCO.
- Life member of The Indian Science Congress Association (membership no. L17811)
- Member of Editorial board of New Interdisciplinary National Research Journal, ISSN-2279-0349
- Organize study tour.
- Celebration of sickle cell anemia week.
- Celebration of wild life week

17. Role in college activities:

- Member in different comities

18. Role in university activities:

- As a valuers for University Examination.
- Paper setter
- Paper moderator