

FACULTY PROFILE

1. Personal Information:

Name of Faculty : Dr. KENGAR SURYAKANT BAPU
Designation : Assistant Professor
Department : Department of Zoology
Date of Appointment : 07/08/1989.
Area of Specialization : Microbiology, Biotechnology, Nanobiotechnology
Courses taught : B.Sc., M.Sc.
Total teaching experience : 36 years.
Address for Correspondence: A/P: Shivshrushti Colony, Banvadi, Tal. Karad.
Date of Birth : 01/06/64.
Marital Status : Married
E-Mail : sbkengar@gmail.com.
Language Proficiency : Marathi, English, Hindi

2. Academic Qualification: M.Sc., M.Phil., Ph.D.

Course	Board/University	Year of Passing	Percentage	Division	Subjects
M.SC.	Shivaji University, Kolhapur	1989	57.08%	II ND	ZOOLOGY
B.SC.	Shivaji University, Kolhapur	1987	60%	I ST	Zoology

3. Research Qualification:

Course	University	Year	Topic of Research
Ph.D.	Babasaheb Ambedkar Marathwada University, Aurangabad	1998	Ecophysiological Studies in freshwater crab <i>Barytelphusa guerini</i>

4. Teaching and Research Experience:

- P.G. Classes (in years) :- **15 Years**
- U.G. Classes (in years) :- **28 YEARS**
- Research Experience excluding years spent in M. Phil / Ph. D (in years):- **07 years**

- Fields of Specialization under the Subject / Discipline
(a) Environmental Biology
(b) Reproductive physiology, Biodiversity

5. Academic Staff College Orientation / Refresher Course/ ISTE - AICTE Sponsored STTP/SBP Attended so far.

Name of the Course/ Summer School	Place	Duration	Sponsoring Agency
Orientation Course	Savtribai Phule Pune University, Pune	18/02/1992 To 16/03/1992	University Grants Commission
Refresher Course	Banaras Hindu University, Banaras	06/11/1997 To 26/11/1997	University Grants Commission
Refresher Course	Himachal Pradesh University, Shimla	16/10/2000 To 04/11/2000	University Grants Commission

6. Details of Research Papers Published:

Sr. No	Title with page nos.	Author	Journals	Year	ISSN/ISBN/No
1	“Diversity of Zooplankton in Shivajinagar reservoir , Kadegaon Tahsil Sangli District, Maharashtra, India Page No. 147-151	Bansode D.L., Kengar S.B., Birje K.N., Patil P.A., Sutar A.U.	Flora and Fauna International Research Journal of Biological Sciences	2014	ISSN0971-6920
2	Prevalance of Gastrointestinal Parasites in Goats of Ahmednagar district of Maharashtra Page No-456-457	A.U. Sutar , S.B. Kengar , S.S. Patil and M.R. Khan	International journal of Veterinary world	2010	ISSN0972-8988
3	Influence of hydrogen peroxide induced oxidative stress on survival rate of early chick embryo development. Page No-4603-4606	J.T. Jadhav and S. B. Kengar	International journal of Bioassays	2016	ISSN 2278-778X .
4	Morphological and Histological study of the Chorioallantoic membrane of chick embryo. Page No-5607-5611	Jadhav J. and Kengar S.B.	Journal of cell and tissue Research	2016	ISSN0973-0028
5	Histopathological Impact of Larvin on liver of <i>Lepidocephalus thermalis</i> Page No .363-366	Pol S.B., Patil V.A., Kengar S.B. and Patil S.S.	The Bioscan An International Journal of Life sciences	2009	ISSN 0973-7049

6	Seasonal Variations in the Gonadal index of Freshwater Crab <i>Barytelphusa guerini</i> . Page No. 369-371	A. U. Sutar, Khan M.R., Kengar S. B. and M. U. Patil	Flora and Fauna International Research Journal of Biological Sciences	2013	ISSN0971-6920
7	Histomorphology of Androgenic gland and its Role in Reproduction of Freshwater Prawn <i>Macrobrachium lamerrii</i> . Page No-239-243	A. U. Sutar, S. B. Kengar, M. R. Khan, M. U. Patil	Uttar Pradesh Journal of Zoology	2011	ISSN 0256-971X
8	“Helminthic Infestation in Buffaloes of Satara district , Maharashtra” page No .1	Sutar A.U., T.M.Babar., Kengar S.B., Patare M.A., Kumbhar D.S.	journal of Bionano Frontier	2015	ISSN 0974-0678
9	”Cheklist of birds in and around Bahe (Ramling)Krishna River Island ,Sangli district, Maharashtra” page No .139 -141	Birje K.N., Kengar S.B., Bansode D.L., Patil S.S.	journal of Bionano Frontier	2015	ISSN 0974-0678
10	Ecthyofaunal Study of Shivajinagar Reservoir from Kadegaon Tahsil ,Sangli District	Kengar S.B.	International Journal of Science and Research	2015	ISSN 2319-7064
11	Study of diversity of Saurian fauna in Karad Tehsil, Dist. Satara(M.S),western India Page No -642-647	Kengar S.B.	International Journal of Science and Research	2017	ISSN 2319-7064
12	Toxic Effect of Amikacin sulphate on liver and kidney on white rat Page No-57-59	P. L. Kadam, S. B. Kengar,, R. N. Patil, M. R. Chavan, S. S. Nanware and, S. S. Patil	Asian Journal of Bioscience	2013	ISSN 0973-4899
13	Neurosecretory cell types in freshwater prawn <i>Macrobrachium lamerrii</i> . page No-49-53	Sutar A.U., Kengar S.B., Patil M.U. and Khan M.R.	Indian journal of invertebrate Zoology and aquatic Biology	2010	ISSN 0976-9226
14	Biodiversity of Zooplankton from Tadsar lake ,Kadegaon Tahsil, Sangli District , Maharashtra, (INDIA). Page No-25-27	Kengar S.B.	journal of Bionano Frontier	2017	ISSN 0974-0678
15	New Vermiwash model for sustainable Agriculture in India Page No. 281-284	Patil S.S., Kengar S.B. and Sathe T.V	Journal of Nature Environmental and Pollution Technology	2007	ISSN09726268

16	Role of neuroendocrine hormones in reproduction of freshwater crab, <i>Barytelphusa guerini</i> Page No. 331-335	Kengar S.B., Sutar A.U., Patil S.S. and Patil M.U.	Uttar Pradesh Journal of Zoology	2007	ISSN 0256-971X
17	New Vermicomposting model : A tool for sustainable Biodegradable solid waste management in agriculture Page No: 98-103	Patil S.S., Chalke J.A., Kemgar S.B., Patil R.G. and Supugade V.B.	Journal of Science Information	2011	ISSN 2229-5836(98)
18	Cestode diversity ,effect and seasonal prevalence of domestic fowl Gallus gallus Domesticus of South Eastern Maharashtra Page No.90-93	Patil S.S., Chalke J.A., Sutar A.U., Jamale A.A., Kemgar S.B., Patil R.G., Supugade V.B.	Journal of Science Information	2011	ISSN 2229-5836(90)
19	Nephro Protective Effect Of <i>Amaranthus spinosus</i> Root Extract in carbon tetrachloride Induced histological toxicity in male Albino Rat	Kengar S.B., Thorat D., and Jadhav J.	Journal of cell and tissue Research	2017	ISSN 0973-0028
21	Evaluation of <i>In-Vitro</i> Anti-Bacterial and Cytotoxic Activity of <i>Phyllanthus amarus</i> standardized extracts	Kengar S.B., Chopade A.R., Wadkar G.H.	Asian Jr. of Biotech , Microbiol and Environmental Biology	2017	ISSN 00972-3005
22	Cytotoxic Activity of <i>Phyllanthus fraternus</i>	Kengar S.B., Chopade A.R., Wadkar G.H.	Asian Jr. of Biotech , Microbiol, and Envi. Biology	2017	ISSN 00972-3005
23	<i>Amaranthus spinosus</i> Root Extract Protects The Carbon Tetrachloride Induced Toxicity In Male Albino Rats	Kengar S.B.	Indian Journal of Scientific Research	2017	ISSN 2250-0138
24	Studies on Physicochemical aspects of Hingangaon Bk.water reservoir of Kadegaon Tahsil ,Sangli district,MH. India	Kengar S.B. and D.L. Bansode.	Indian Journal of Scientific Research	2017	ISSN 2250-0138
25	A checklist of Saurian fauna from Satara district. MH.(India)	Birje K.N. and S.B. Kengar	Indian Journal of Scientific Research	2017	ISSN 2250-0138
26	Biodiversity of Zooplankton from Sonhira lake of Kadegaon Tahsil ,Sangli District, MH(India),India	S.B. Kengar	Indian Journal of Scientific Research	2017	ISSN 2250-0138

27	Evaluation of <i>In-Vitro</i> hypoglycemic activity of <i>Phyllanthus amarus</i>	Kengar S.B., Chopade R.A. and Bhutkar M.	Indian Journal of Scientific Research	2017	ISSN 2250-0138
28	Evaluation of <i>In-Vitro</i> diffusion and amylolysis kinetics of <i>Phyllanthus amarus</i>	-	Indian Journal of Scientific Research	-	ISSN 2250-0138
29	Cardiotonic Activity of Aqueous and Alcoholic Extracts of <i>Leea macrophylla</i>	Somade P.M., Chopade A.R., Kengar S.B., Naik S.D.	International Journal of Pharma Research and Health Sciences	2017	CODEN (USA)-IJPRUR, e-ISSN: 2348-6465
30	Evaluation using In-vitro assays for glucose diffusion and kinetics of amylolysis of <i>Leela macrophylla</i> Standardized extracts.	SOMADE PRAKASH M, CHOPADE ATUL R, PATIL PRAMOD A AND KENGAR SURYAKANT B	International Journal of Biology Pharmacy and allied Sciences.	2020	IJBPAS, September, 2020, 9(9): X-X ISSN: 2277-4998
31	In-vivo investigation of chronic inflammatory pain Modulating Potential of Niranthin	Gavekar P.S., Somade P.M., Chavan R.S., Pathak R. S., Chopade A.R., Kengar S.B.	International Journal of Biology, Pharmacy and Allied Sciences (IJBPAS)	2022	IJBPAS, September, 2022, 11(9): X-X ISSN: 2277-4998.
32	Evaluation of in-vitro anti-bacterial and cytotoxic activity of <i>Leea macrophylla</i>	P. M. Somade, A. R. Chopade, P. A. Patil and S. B. Kengar	International Journal of Biology, Pharmacy and Allied Sciences (IJBPAS)	2020	E-ISSN :0975-8232; P-ISSN :2320-5148
33	EVALUATION USING IN-VITRO ASSAYS FOR GLUCOSE DIFFUSION AND KINETICS OF AMYLOLYSIS OF LEEA MACROPHYLLA STANDARDIZED EXTRACTS	SOMADE PRAKASH M, CHOPADE ATUL R, PATIL PRAMOD A AND KENGAR SURYAKANT B	International Journal of Biology, Pharmacy and Allied Sciences	2020	IJBPAS, September, 2020, 9(9): X-X ISSN: 2277-4998.

7. Books Published/Chapter in Books:

Sr. No.	Title of Book	Type of Book&Authorship	Year of Publication	ISBN No.
1	Biotechnological Approaches in Entomology	Co-Author	-	978-81-906650-5-6
2	General topics in fishery Science	Co-author	-	

8. MINOR RESEARCH PROJECT

Type of Project	Title	Agency	Year of Completion	Grant (Rs. Lakh)
Minor	Study of Antinephritic activity of <i>Amaranthus spinosus</i> root extract on Kidney in Carbon tetrachloride induced albino rats	UGC	2011	70,000/-

9. INVITED LECTURES

Sr. No	Title of Lecture /Academic Session	Title of Conference /Seminar etc	Organized by	Whether international/National/ State or University level
1	Awareness about Anemia among female	One day workshop, Under lead College	Balasaheb Desai College, Patan.	University level
2	Revised Syllabus of B.Sc.II	One day workshop on Revised syllabus	Krantisinh Nana Patil College, Walwa.	University level
3	Glass fish Aquarium :Construction , Management and Maintenance	One day workshop Under lead College	Krishna Mahavidyala, Rethare. Bk.	University level
4	New Techniques in Vermitechnology	Training programme to Farmers	Government of Maharashtra , District Sericulture Office, Kolhapur.	State level
5	Vermitechnology	One day workshop, Under lead College	Yashwantrao Chavan Institute of Science, Satara	University level
6	Awareness Regarding Vermicomposting	One day workshop Under lead College	Yashwantrao Chavan Institute of Science, Satara	University level
7	Sericulture	Career oriented programme (COC)	Deshbhakt Anandrao Balwantrao Naik Arts and Science, College,Chikhali	University level
8	Snake Awareness	Taxonomy and conservation of Herpatofauna	Balasaheb Desai College, Patan	National training workshop
9	Vermiculture	Guest lecture	Yeshwant Mahavidyalay Nanded	University level
10	Waste Management	Star College Activity	Yashwantrao Chavan Institute of Science, Satara	University level
13	Importance of Bioinformatics	Three Day Workshop	Yashwantrao Chavan Institute of Science, Satara	University level
14	How to write the project proposals in Scientific manner	One day workshop	Balasaheb Desai college Patan	University level

10.PAPER PRESENTED

Sr. No.	Title of Lecture /Academic Session	Title of Conference /Seminar etc	Organized by
1	“Diversity of Zooplankton in Shivajinagar reservoir , Kadegaon Tahsil Sangli District, Maharashtra, India At Dahiwadi College , Dahiwadi	Life sciences: An outlook and Challenges (NC-LSOC-2014)	Dahiwadi College Dahiwadi
2	Helminthic Infestation in Buffalos of Satara District, Maharashtra ,India	Contemporary Research in Chemical and Life Sciences-2015	Sadguru Gadage Maharaj College, Karad
3	New Vermicomposting model A tool for sustainable agriculture in developing and third world countries	Technologies for mitigation of environmental pollutionand their applications in conservation of aquatic ecosystem	Dr.Babasaheb Ambedkar Marathwada University, Aurangabad
4	“Diversity of Geconidae from Satara district”.	State level workshop on Animal taxonomy	KW College Sangli
5	Admire induced Histopathology and histochemical Changes in the liver of <i>Lepidothermalis thermalis</i>	State level conference on Environment and Biotechnology	Balasaheb Desai College, Patan
6	Fish diversity of Krishna river Bench from Confluence to Govare Village,karad	National Conference on Life Sciences with special reference to Environmental Biotechnology and Biodiversity	Vivekanand College, Kolhapur
7	Influence of ecological factors on reproductive cycle of of Crab <i>Barytelphusa guerini</i>	National Symposium on Recent Trends in Life Scie. with reference to Envirmental Biotechnology and Biodiversity	KRP Kanya Mahavidyalaya, Islampur
8	Seasonal Variation in the Zooplankton diversity of Bombalewadi Reservoir Kadegaon Tahsil Sangli	National Conference on Environmental Biotechnology 2014	National Conference
9	Protein Variation in Gonad of Crab , <i>Barytelphusa guerini</i>	National Conference on Environmental Biotechnology 2014	National Conference
10	Acute Toxicity of Tallow Amine Ethoxylate on intestine of <i>Gambusia affinis</i>	Recent Trends in Life Sciences with reference to Biotechnology and Applied Zoology	National Conference
11	Histomorphology of Androgenic gland and their role in Reproduction of freshwater Prawn <i>Macrobrachium lamerri</i>	National Symposium on Recent Trends in Life Sciences with reference to Environmental Biotechnology and Biodiversity	National Symposium
14	A Cestode Parasite of Genus <i>Gangesia southwelli</i> ,1913	National workshop on Recent trends in Biotechnology	National Workshop
15	A cestode Parasite of Genus <i>Cotugnia</i> ,Daimare 1893, from host domestic fowl <i>Gallus Gallus domesticus</i>	National Conference on Global warming and conservation Strategies	National Conference

12. Research Guidance:

Course	Current Fellows	Awarded Fellows
Ph.D. (Co-guide)	06	-

13. Extension Activities:

- Worked as LMC member.
- Worked as the Programme officer
- Attended and presented Research papers in 7 International and 15 National conferences.
- Attended 12 National workshops on various topics like curriculum discussion
- Member of WWF (World Wide Fund for Nature – India).
- Worked as Judge, Resource person for various competitions.
- Delivered guest lectures vermitechnology and sericulture.
- Worked as organizing member of Blood donation camp and Medical Check up camp.
- Working as Chairman of admission committee
- Working as warden/Rector of Boys hostel.
- Working as member of BC standing cell.

14. Awards & Recognitions :

“GREAT ACHIVER OF HEALTH AND EXCELLANCE AWARD, NEW DELHI”

15. Educational Administration :

- i) Worked as member of syllabus committee of B.Sc. II and III (Zoology)
- ii) Worked as a District Co-ordinator of Satara District.
- iii) Working as a Chairman of affiliation committee
- iv) Worked on member of Affiliation committee for B.Sc. division ,M.Sc,Ph.D.
- v) Worked as a CAP director for several times

16. Other Activities :

1. Worked as Co-editor & Chief editor of “Yashwant” magazine.

Place: Karad

**Name of Faculty
(KENGAR SURYAKANT BAPU)**