

DR. SANJAY KHARAT
Principal,



Progressive Education Society's
Modern College of Arts, Science and Commerce, Ganeshkhind,
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College Website:
www.moderncollegegk.org

Career Objective: To work for the development of human skills to meet the demands of the emerging knowledge economy through research, innovation and technology

EXECUTIVE SUMMARY

A dedicated and motivated teacher, leading researcher, and Principal of P. E. Society's Modern College of Arts, Science and Commerce, Pune. As an academician and administrator of a leading college in Pune, instrumental in instilling a strong sense of responsibility and discipline among staff and students while also giving them adequate freedom of thought and action for achieving optimal performance.

Experience: 30 years

Current Position: Principal, since May 2008

Teaching Experience: 30 years

Research Experience: 24 years

EXPERIENCE ON UNIVERSITY AND OTHER APEX BODIES: 19

1. Member, Board of Studies, Interdisciplinary Skill Development, Savitribai Phule Pune University (SPPU), Pune
2. Member, Senate, SPPU, Pune.
3. Member, Board of Lifelong Learning and Extension, SPPU, Pune
4. NAAC Assessor, National Assessment and Accreditation Council (NAAC), Bangalore
5. Visiting Faculty, YASHADA, Pune

6. Member, Award of Autonomous College Committee, University Grants Commission, Delhi
7. Member, Vice Chancellor's Nominee for Selection Committees of Principals and College Teachers
8. Member, Academic Council, VC Nominee of SPPU, Pune Jayawant Shikshan Parasarak Mandal, Rajarshi Shahu College of Engineering, Pune (Autonomous)
9. Member, Board of Studies in Zoology, VC Nominee of SPPU, Modern College, Shivajinagar, Pune (Autonomous)
10. Chairman, Uniform workload of faculties at undergraduate-level committee, SPPU, Pune
11. Member, Core Committee (Sukanu Samiti), Examination Coordination, SPPU, Pune
12. Advisor, Student Development Board, SPPU, Pune
13. Member, University Hostel Committee, SPPU, Pune
14. Advisor, National Service Scheme (NSS), SPPU, Pune
15. Member, API Verification Committee, SPPU, Pune
16. Chairman/Member, Local Inquiry Committees for Affiliation
17. Contributing writer in Daily Lokmat Pune weekly column and other newspapers on the topic of freshwater fishes and fish conservation
18. Resource person at national and international conferences; delivered more than 200 lectures on higher education in various colleges
19. Member, Autonomous Colleges Guidelines Revision Committee, Government of Maharashtra

EXPERIENCE ON ACADEMIC AND PROFESSIONAL BODIES: 8

Member: European Association of Fish Pathology

Director: Association of Zoologists, India

Honorary Director: Histopathology Department, TOXINDIA, Pune

Life Member: Indian Fisheries Association, Mumbai, India

Fellow: Zoological Society of India, Bodhgaya, India

Life Member: Indian Association of Aquatic Biologists, Hyderabad, India

Life Member: The Society for Fisheries Economics and Development, Hyderabad, India

Life member: Indian Red Cross Society, Youth Red Cross, Pune

EDUCATIONAL QUALIFICATIONS

B.Sc. (Zoology), Shivaji University, Kolhapur (First Class)

M.Sc. (Zoology), Shivaji University, Kolhapur (First Class)

Ph.D. (Zoology), Dr. Babasaheb Ambedkar Marathwada University, Aurangabad

LLB, Savitribai Phule Pune University, Pune (Second Class)

MBA, Tilak Maharashtra University, Pune (First Class)

PROFESSIONAL DEVELOPMENT COURSES: 8

Orientation Course: 1

Refresher Courses: 4

COURSE	TOPIC	INSTITUTION
Orientation	Planning and Management of Higher Education	N.E.U.P.A., Delhi
Training programme	Foundation Course for College Administration	YASHADA, Pune
LEAP	Leadership Development Programme for Academic Institutions	IISER, Kolkata

AWARDS AND ACKNOWLEDGEMENTS: 16

❖ Best Innovative College Award at the hands of Hon. Governor of Maharashtra Shri Bhagat Singh Koshiyari, awarded by CEDA

❖ Total Grants Received (2016 to 2022): Rs 7.32 Crore

1. Chhatrapati Shivaji Maharaj Vanashree Award 2018 by Government of Maharashtra for tree plantation and creating awareness about conservation of natural resources and forests

2. NAAC Reaccreditation: Received A Grade, 2011 (2nd Cycle), 2017 (3rd Cycle)

3. DBT BUILDER Scheme 2021

4. N. A. P. Nanavati (Best College) Award from Indian Red Cross Society

5. DBT Star Status, awarded by the Department of Biotechnology (DBT), Ministry of Science and Technology, Government of India: Rs 2.82 Crore (2017)

6. 'Efficient Energy Conservation and Management' State-level First Award given by the Maharashtra Energy Development Agency (MEDA), Government of Maharashtra

7. Promoting research amongst faculty members and received research grants worth Rs 2 Crore from apex funding bodies like SERB, UGC, DAE-BRNS, SPPU

8. UGC B. Voc. programme: Rs 1.85 Crore (2014), from UGC, Government of India
9. Best College Award (First Prize) from SP Pune University, 2013
10. DST-FIST Scheme: Rs 80 Lakh, 2012; and Rs 1.5 Crore (2019) from the Department of Science and Technology, Government of India
11. DBT Star College Scheme worth Rs 1 Crore (2011) from DBT, Government of India
12. NAAC Reaccreditation, Received A Grade, 2011 (2nd Cycle)
13. Development grants received from UGC during 11th Plan: Rs 1 Crore (2010)
14. Received 2f, 12B recognition for college from UGC, Delhi, 2009

PERSONAL AWARDS AND ACHIEVEMENTS: 5

1. Jagannath Rathi Award from Savitribai Phule Pune University, 2014
2. Best Principal Award of Savitribai Phule Pune University, 2015
3. Best Principal Award from Progressive Education Society, Pune
4. Senior Scientist Award from Environmentalists Association, Ranchi, 2008
5. Best Teacher Award from Pune Municipal Corporation, Pune

RESEARCH EXPERIENCE AND PUBLICATIONS

My research focuses on diversity, physiology and ecology of freshwater fishes and the organisms they interact with. Laboratory and field experiments are combined with broad-scale comparisons in studies of community organization, population dynamics and life history, besides diversity of freshwater fishes to understand their distribution pattern in India.

RESEARCH PROJECTS: 13

1. 'Acute Toxicity Studies of Different Organophosphorous Compounds in the Fishes, namely, Guppy and Garra mullya', TOXINDIA, Pune: Rs 1,25,000 (2015)
2. Disease Diagnostic and Quality Testing Laboratory for Aquatic Animals, Pradhan Mantri Matsya Sampada Yojana, Govt of India, Ministry of Fisheries, Govt of Maharashtra: Rs 40,00000
3. UGC Minor Research Project Study on digestive and reproductive physiology of lepidophagous fish Neotropius khavalchor from Western Ghats, India: Rs 4,40,000 (2015)

4. Field guide of wild freshwater fishes of Western Ghats and Deccan area of Western Maharashtra; published by PCCF, and Director General of Social Forestry, Maharashtra: Rs. 3,50,000 (2015)
5. SPPU Research Project - Karyotype analysis of some freshwater fishes of Mula Mutha river, Pune, Maharashtra: Rs 3,00,000 (2012)
6. SPPU Research Project, Study of Ecology and Diversity of Hill Stream Fishes from Western Ghats of Pune District: Rs 2,40,000 (2008)
7. Survey of Endemic and Pelagic Birds of Andaman & Nicobar Islands, funded by Indian Coast Guard, Govt of India, in association with Ecological Society of India and ELA Foundation: Rs 1,00,000 (2007)
8. Survey of Indian Peafowl of Morachi Chincholi, 2006
9. Pelagic Birds Survey of Lakshadweep Archipelago, funded by Indian Coast Guard, Government of India, in association with Ecological Society of India & ELA Foundation: Rs 1,00,000 (2006)
10. UGC Minor Research Project, Prevalence of Trypanosome infection in Teleost fishes from Mula-Mutha River, Pune, India: Rs 1,50,000 (2006)
11. DBT-funded bioprospecting of biological wealth using biotechnological tools: Rs 50000 (2003)
12. People's Biodiversity Register, in association with Centre for Ecological Sciences, Bangalore, funded by Ministry of Environment and Forest, 2002
13. DOE-funded Human Resource Development in EGWG Biodiversity Project, 1997

RESEARCH GUIDANCE (Recognized research guide for Savitribai Phule Pune University)

PhD: 5

M.Phil: 1

PATENTS: 2

1. Kumar V., Khare T., Kharat S., 2022, 'A Formulation For Alleviating Rice Salinity Stress, Its Presentation and Application Thereof'. Filed Indian Patent (TEMP/ E1/11719/2022- MUM)
2. Gayatri Shotriya, Namrata Ingulkar, Yogita Sable, Geetanjali Litke and Sanjay Kharat, 2022, 'Innovation in Process for Synthesis of Biodegradable Plastic'. Filed Indian Patent (202221068129)

RESEARCH EXPEDITIONS (Indian Coast Guard and ELA Foundation): 2

Lakshadweep Archipelago Pelagic Birds Survey (2005)

Andaman-Nicobar Islands for Pelagic Birds Survey (2007)

BOOKS: 4

1. Reproductive Biology of Hill Stream Fish, *Nemacheilus moreh* (Sykes)
2. E-Book/VCD on Innovative Teaching of Animal Dissections - Part 1
3. Field guide of wild freshwater fishes of Western Ghats and Deccan area of Western Maharashtra
4. Dhamdhare-Rao, Sangeeta, & Kharat, Sanjay (2023). *Libraries@75: Journey of Libraries Towards Knowledge Resource Center*. Ess Publications, New Delhi. ISBN: 978-93-92594-20-5, pvx, 351.

Book Chapters:1

1. Kharat, Sanjay, & Dhamdhare, Sangeeta (2020). Transformation in the Higher Education System with Flipped Classroom and New Technologies.

Pursuit of Quality in Higher Education: An Indian Perspective. National Assessment and Accreditation Council, Bengaluru, India. ISBN: 8-189-84210-2978-81-89842-10-9, pp. 118-131.

RESEARCH PAPERS: 47

- Published 47 research papers in peer reviewed, Indexed high-impact factor journals
- Google Scholar Profile: <https://scholar.google.co.in/citations?user=oPrINSUAAAAJ&hl=en>
- h-index: 08

COUNTRIES VISITED

1. Visited Tknika Basque Centre of Research and Applied Innovation in VET, San Sebastian, Spain, representing SPPU under International Exchange of Expertise, Innovation and Technology Transfer, Dec. 10-16, 2018
2. Worked as Resource Person for the International Conference on Applied Science at Bangkok, Thailand, Nov. 2015
3. Presented research paper at International Conference on Entomology in Kuching, **Malaysia**, Dec. 13-16, 2013.