

DR. SANGHAPAL SANDIPAN KSHIRASAGAR

Assistant Professor

Department of Biotechnology

Rajarshi Shahu Mahavidyalaya, Latur

(Empowered Autonomous Institution)

PROFILE

Dr. Sanghapal Sandipan Kshirasagar is an Assistant Professor in the Department of Biotechnology with experience in teaching undergraduate and postgraduate students. He has a Ph.D. in Biotechnology and has qualified for IIT-GATE, CSIR-UGC-NET and ICAR-NET. His academic and research interests are primarily focused on Biotechnology, Protein Biochemistry and related areas of Life Sciences.

EDUCATIONAL QUALIFICATIONS

Degree / Qualification	Institution	Year
Ph.D. in Biotechnology	Swami Ramanand Teerth Marathwada University, Nanded	2021
ICAR-NET	Indian Council of Agricultural Research	2014
IIT-GATE	Indian Institute of Technology	2013
CSIR-UGC-NET	Council of Scientific and Industrial Research	2012
M.Sc. Biotechnology	Abasaheb Garware College, Pune	2012
B.Sc. Biotechnology	Rajarshi Shahu College, Latur, Maharashtra	2010
AISSE	All India Senior School Certificate Examination, Delhi	2007
AISSE	All India Secondary School Examination, Delhi	2005

TEACHING EXPERIENCE

- **13+ years of teaching experience** in Biotechnology and Life Sciences.
 - Teaching and mentoring undergraduate and postgraduate students.
 - Guidance of B.Sc. and M.Sc. student projects.
 - Academic and research mentoring of students.
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MEMBER OF COLLEGE COMMITTEES

Sr. No.	Name of Committee / Responsibility	Role
1	Board of Studies – Biotechnology	Member
2	Examination Conduct Committee (ECC)	Assistant Centre Superintendent (ACS)
3	Competitive Examination Cell – Biotechnology	Chairman
4	Student Projects – B.Sc. & M.Sc.	Coordinator
5	Class Coordinator – M.Sc. Biotechnology	Coordinator
6	Admission Committee	Member
7	Student Co-curricular and Cultural Activities Organisation	Member

RESEARCH PROFILE

Ph.D. Research Area:

Characterization of Glycation Pattern and Related Post Translation Modifications on Human Serum Albumin

Research Interests

- Protein Biochemistry
- Glycation of Human Serum Albumin
- Post-Translational Modifications

RESEARCH PUBLICATIONS

1. **Kshirasagar, S. S. & Shembekar, V. S. (2019).** Analysis of glycated human serum albumin by electrophoresis and fluorescence spectroscopy. *International Journal of Emerging Technologies and Innovative Research*, 6, 727–732.
2. **Kshirasagar, S. S. & Shembekar, V. S. (2019).** Evolutionary conservation analysis of amino acids of human serum albumin using ConSurf database. *International Journal of Research and Analytical Reviews*, 6, 743–755.
3. **Kshirasagar, S. S. & Shembekar, V. S. (2020).** Glycation enhancers and inhibitors of human serum albumin. *International Journal of Creative Research Thoughts*, 8, 3764–3773.
4. **Kshirasagar, S. S. & Shembekar, V. S. (2020).** Characterization of glycation pattern and related post translation modifications on human serum albumin. *International Journal of Current Research in Life Sciences*, 9, 3326–3333.

ACADEMIC & STUDENT ACTIVITIES

- UG and PG teaching in Biotechnology.
 - B.Sc. and M.Sc. project coordination and guidance.
 - Student mentoring and academic support.
 - Coordination of competitive examination activities.
 - Participation in institutional committees.
 - Examination-related responsibilities as Assistant Centre Superintendent (ACS).
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CONTACT DETAILS

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