

BRIEF BIO-DATA

1. **Name and full correspondence address** : Dr. Leena Popatrao Shirsath
Assistant Professor
Department of Biotechnology
R. C. Patel Arts, Commerce and Science College,
Shirpur-425405, Near Karvand Naka
Dist.- Dhule, Maharashtra, India.
2. **Email and contact number** : patil.leena09@gmail.com
+91 9765772350
3. **Institution** : R. C. Patel Arts, Commerce and Science College,
Shirpur-425405, India.
4. **Date of birth** : 9 June 1987
5. **Gender** : Female
6. **Category** : OPEN
7. **Whether differently abled** : No

8. Academic qualifications (Undergraduate onwards)

Degree	Year	Subject	University	Marks (%)
B. Sc.	2007	Biotechnology	University of Pune, Pune	60.25
M. Sc.	2009	Biotechnology	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	62.55
SET	2021	Life Sciences	Pune University, Pune (UGC, New Delhi)	--
PGDBI	2010	Bioinformatics	Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon-425001	'A' grade
Ph. D.	2021	Biotechnology		By thesis

9. Ph. D. details

- Thesis title** : Studies on extracellular hydrolytic enzymes secreted by phytopathogenic fungi of *Gossypium* spp.
- Guide name** : Prof. Ulhas K. Patil

University : Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon
Year of award : January 2021

10. Work experience (in chronological order)

S. No.	Positions held	Name of the Institute	From	To
1.	Assistant Professor in Biotechnology	R. C. Patel Arts, Commerce and Science College, Shirpur-425405	16/07/2009	Till date

11. Publications (List of papers published in SCI Journals)

S. No.	Author(s)	Title	Name of Journal	Publisher	Year
1.	Sandip P. Patil, Leena P Shirsath, Bhushan L Chaudhari	A halotolerant hyaluronidase from newly isolated <i>Brevibacterium halotolerans</i> DC1: Purification and characterization	Elsevier: International Journal of Biological Macromolecules (IF 8.02)	Elsevier	2021
2	Dr. Leena P. Shirsath, Dr. Sandip P. Patil, Dr. Ulhas K. Patil	Prevalence of Fungal Phytopathogens on Transgenic Bt Cotton Plant: Isolation and Characterization	International journal of current microbiology and applied sciences		2016
3	Dr. Leena P. Shirsath, Dr. Sandip P. Patil, Dr. Ulhas K. Patil	First report of leaf spot disease caused by <i>Corynespora torulosa</i> MCC-1368 on cotton plant from India	Archives of Phytopathology and Plant Protection	Taylor and Fransis	2018
4	Dr. Leena P. Shirsath, Dr. Sandip P. Patil, Dr. Ulhas K. Patil	Incidence of leaf spot disease on cotton caused by <i>Curvularia verruculosa</i> and role of its hydrolytic enzymes in pathogenesis	Physiology and molecular biology of plants		2018
5	Dr. Sandip P. Patil, Dr. Leena P. Shirsath, Dr. Ravindra H. Patil	Steroidal fraction of <i>Carissa carandas</i> L. inhibits microbial hyaluronidase activity by mixed inhibition mechanism	Preparative Biochemistry and Biotechnology		2019
6	Dr. Sandip P. Patil, Dr. Leena P. Shirsath	A halotolerant hyaluronidase from newly isolated <i>Brevibacterium halotolerans</i> DC1: Purification and	International Journal of Biological Macromolecules		2020

		characterization			
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12. Book Chapters

S. N.	Authors	Title of Chapter	Book Title	Publisher
1	Dr. Sandip P. Patil, Dr. Leena P. Shirsath	Microbial Hyaluronidase: Its Production, Purification and Applications	Industrial Microbiology and Biotechnology: Emerging concepts in Microbial Technology	2023

19. Responsibilities shouldered in the department/college

a. Departmental record of internal marks

Dr. Leena P. Shirsath

Assistant Professor

Department of Biotechnology

R. C. Patel Arts, Commerce and Science College, Shirpur