

BRIEF BIO-DATA

1. **Name and full correspondence address** : **Ms. Priyanka Yelave**
Mahavir colony, old mohida road,
Shahada - 425409
Dist. Nandurbar
2. **Email and contact number** : priyankayelave50@gmail.com
+91 7558637578
3. **Institution** : R. C. Patel Arts, Commerce and Science
College,
Shirpur-425405, India.
4. **Date of birth** : 27 September 2000
5. **Gender** : Female
6. **Category** : SBC
7. **Whether differently abled** : No

8. Academic qualifications :

Degree	Year	Subject	University	Marks (%)
M. Sc.	2024	Biotechnology	R. C. Patel Arts, Commerce and Science College, Shirpur	84.40%
B. Sc.	2022	Biotechnology	P.S.G.V.P Mandal Shri S.I Patil Arts, G.B Patel Science	86.60%
12th	2018	Science	Kai.Sau.G.F.Patil Jr College, Shahada, Dist Nandurbar	69%
10th	2016	Science	New High school, Taloda, Dist Nandurbar.	86.60%

9. Skills :

- Pipetting
- Sterile Technique
- DNA Extraction
- PCR (Polymerase Chain Reaction)

10. Project :

Isolation and screening of biosurfactant producing organism from hot water spring unapdev (2024)

- Collection: Hot water collected from Unapdev (Shahada).
- Isolation: MSM medium prepared for bacterial strain.
- Screening: Hemolytic activity, emulsification activity, oil displacement assay, penetration assay.
- PGPR activity: Plant growth-promoting rhizobacteria (PGPR) promote plant growth through various mechanisms
- Antifungal activity: Biosurfactants disrupt fungal cell membranes, inhibit adhesion, and alter surface tension, leading to antifungal effects.