



Profile of the Faculty

1. General Information:

| | | |
|----------------------------|---|---|
| Name of the Faculty | : | Ms. Sharmila Shashikant Ghangale |
| Name of the Department | : | Biotechnology |
| Educational Qualifications | : | M.Sc.(Biochem.),B.M.Tech., M.Phil., Ph.D. (Registered) |
| Present Position | : | Assistant Professor |
| Address for Correspondence | : | “CRYSTAL TOWER”, 6 th Floor, Flat No.603, Sector-22, Plot no.23, Nr. Khandeshwar Rly. Station, Panvel-400209 |
| E-mail | : | gssharmi@yahoo.com |
| Contact Number | : | 9867373802, 9082037168 |
| Specialization | : | Biochemistry |
| Total teaching experience | : | 09 years |
| Courses taught | : | Biochemistry, Research methodology, Chemistry, Industrial microbiology, Molecular diagnostics, Entrepreneurship Development, Environmental Biotechnology IPR and Bioethics, Clinical Research studies, Medical writing. |
| Research experience | : | 05 years |

2. Publication of Research Papers:

| | | |
|----------------------------|---|-----------|
| UGC listed journals | : | 01 |
| Peer reviewed journals | : | 02 |
| Non-peer reviewed journals | : | 02 |
| Conference proceedings | : | 05 |

3. List of Publication of Research Papers:

01. UGC listed journals

- ❖ Research Paper Entitled, **“Biosorption and Desorption of Heavy Metal Lead (II) from aqueous Solution using *Vitis Vinifera* Leaves as an agro waste biomass”**, has been published in Journal of Information and Computational Sciences (JOICS), UGC CARE listed GROUP –A and (II) Journal, ISSN:1548-7741, Volume 12, Issue 6, December, 2019.

02. Peer reviewed journals

- ❖ Research paper entitled, **“Determination of divalent Mercury in environmental samples using 1,5-diphenyl-3-thiocarbazone: With Modified, Ultrasensitive, direct Spectrophotometric Method”** has been published in International Research Journal of Recent Sciences, in ISSN 2277-2502 Vol.6 (3) March-2017 issue.
- ❖ Research paper entitled, **“SODIS: A Potent Technology for Sustainable Drinking Water Management in tropics”** has been published in International Research Journal of Recent Sciences, ISSN 2277-2502 Vol. 6 (6) June 2017 issue.

03. Non-peer reviewed journals

- ❖ Research paper entitled, **“SODIS- A Promissory Approach for Safe Drinking Water management: A Survival Right of Marginalized”** (January-2017) has been published with ISBN.
- ❖ Research paper entitled, **“Bioremediation of Heavy Metals: A potential tool of Biotechnology for Greener Future”** (April-2017), has been published in Conference with ISBN.

4. Academic Staff College Orientation/Refresher courses attended:

| Name of the Course | Place | Duration | Sponsoring Agency |
|--------------------|---|----------------|----------------------------|
| Short Term Course | Online NPTEL Course in “Introduction to Professional and Scientific communication” . | 4 Weeks | Swayam NPTEL online |

5. Participation in conferences, symposia, seminars and workshops:

| Level | Presented paper | Only attended | Chaired session | Resource person |
|---------------|-----------------|---------------|-----------------|-----------------|
| International | 05 | 07 | -- | -- |
| National | 01 | 05 | -- | -- |
| State | - | 04 | -- | -- |
| University | - | 01 | -- | -- |

6. Experience on the various committees at the college

- 1. International Students Committee**
- 2. Website Data Committee**
- 3. Competitive Examination (UPSC/MPSC) Committee**

7. Experience on the NAAC/ IQAC of the college

- **Attended Three Days Workshop on “New Methodology of NAAC- Assessment and Accreditation”, organized by Internal Quality Assurance Cell (IQAC), C.K. Thakur College, New Panvel.**