

## Profile of the Faculty



### 1. General Information:

Name of the Faculty	:	<b>Latika Rajendra Chavan</b>
Name of the Department	:	Biotechnology
Educational Qualifications	:	M.Sc. Biotechnology, SET
Present Position	:	Assistant Professor
Address for Correspondence	:	Plot No.-01, Sector-11, Khanda Colony, New Panvel (W), Dist.-Raigad, Maharashtra, India, Pincode-410206.
E-mail	:	latika1584@gmail.com
Contact Number	:	(022) 27464193 / (022) 27455760
Specialization	:	Biotechnology
Total teaching experience	:	UG: 16, PG:13
Courses taught	:	Genetics, Biostatistics, Cell Biology, Environmental Biotechnology, Industrial Biotechnology, Bioprocess Technology, Marine Biotechnology, Food Biotechnology, Plant and Animal Physiology
Research experience	:	Guided 10 Avishkar and 01 M.Sc. Desertion Projects Completed 01 Minor Project funded by University of Mumbai Completed 01 Project under RUSA Completed 01 Seed Money project funded by Institution

## 2. Publication of Research Papers:

Peer reviewed journals	:	02
Non-peer reviewed journals	:	01
Conference proceedings	:	01

## 3. List of Publication of Research Papers:

- Latika C, Seema K and Akshya P, To study the effect of Allium sativum oil on acne causing bacteria, Conference proceedings, (ISSN 0974-0678), pp 39-41, J. Bionano Frontrier,2014, 7(2),39-41,SJIF Rating 2014, 4.856
- P. Dayaram, L. R. Chavan, R. S. Vaidya, S. P. Patel, S. V. Teotia, A Questionnaire based survey for the evaluation of knowledge among people regarding their awareness about pain killers,Anugoonj, Issue No.:05, 2016 pp 64-68 (ISSN No.2345-9731)
- S. A. Bhagat S. S. Kokitkar and L. R. Chavan 2017. Isolation of Chlorpyrifos degrading bacteria from contaminated soil and evaluation of their bioremediation potential. I J R B A T, Vol. V, Special Issue (3), Nov-2017.
- S. S. Kokitkar, L. R. Chavan and S. A. Bhagat 2017. Alleviation of adverse effects of salt stress in Triticum aestivum by foliar application of compatible solutes. I J R B A T, Vol. V, Special Issue (3), Nov-2017

## 4. Minor Research Project Completed:

Title of the project	Date of sanction	Duration	Grant received	Funding agency
Potential of immobilized silicate solubilizing bacteria from rhizospheric soils in Raigad district to alleviate metal phytotoxicity	31 <sup>st</sup> March, 2017	1 Year	40,000/- Date of report submission 10/10/2017	University of Mumbai
Encapsulated Bio-fertilizer for salinity stress mitigation	03rd January, 2022	1 Year	15,000/- Date of report submission 13/01/2023	Seed Money Funded by Institution

**5. Academic Staff College Orientation/Refresher courses/ FDP attended:**

Name of the Course	Place	Duration	Sponsoring Agency
Introduction to Biostatistics (Equivalent to Full FDP of one week)	Mumbai	8 Weeks	NPTEL Online Certification, Funded by Ministry of HRD, Govt. of India
Two days Faculty Development Programme on Online Teaching & E-content Development	Online	2 Days	Indian Institute of Digital Education
Two Weeks Faculty Development Programme on "ADVANCED CONCEPTS FOR DEVELOPING MOOCS" from July 02 - July 17, 2020	Online	2 Weeks	Ministry of Human Resource Development Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching
Online Faculty Development Program (FDP) on "Precision Medicine" from 19th to 23rd January, 2021	Online	5 Days	School of Biotechnology and Bioinformatics, D. Y. Patil Deemed to be University, Navi Mumbai
Faculty Development Programme on "HEALTHY TEACHING" held on Thursday, 18th February 2021	C. K. Thakur A.C.S. College, New Panvel.	1 Day	Staff Welfare Committee and Internal Quality Assurance Cell Under the aegis of Rashtriya Uchchatar Shiksha Abhiyan (RUSA)
One week Online International Workshop on Advance Statistical Data Analysis using SPSS from 21st to 27th January, 2022	Online	7 Days	Science Tech Institute(Run by MKS Educational Society), Lucknow, UP India.
One Week Online Faculty Development Program on Advanced Research Methodology from 21st to 27th March, 2022	Online	7 Days	Amiruddaula Islamia Degree College, Lucknow & Science Tech Institute (Run by MKS Educational Society), Lucknow, UP India.

One Week Faculty Development Programme on "e-Content and MOOCS Creation: Hands on Training" 18th to 23rd Sep 2022	Changu Kana Thakur A.C.S. College	6 Days	Central Library in Association with IQAC under the aegis of "RUSA"
One Week Faculty Development Program On RESEARCH METHODOLOGY from 6th Feb to 11th Feb 2023	Online	6 Days	Guru Nanak Vidyak Society's Guru Nanak College of Arts, Science and Commerce Mumbai – 400037
National Level Pre-Ph.D. Online Coursework on "Research and Publication Ethics (RPE) Course for awareness about the Publication Ethics and Publication Misconducts" from May 16 to 30, 2023	Online	Two weeks	Changu Kana Thakur Arts, Commerce and Science College, New Panvel (Autonomous)

#### **6. Participation in conferences, symposia, seminars and workshops:**

Level	Presented paper	Only attended	Chaired session	Resource person
International	-	01	-	-
National	01	10	-	-
State	-	02	-	-
University	-	08	-	-

#### **7. Experience on the various committees at the college**

- Member, Women Development Cell (2011-2019, 2022-2023)
- Member, Cultural Committee (2012-2019)
- Member, Excursion Committee (2013-2014)
- Member, Avishkar Research Association (2019-2023)

#### **8. Experience on the NAAC/ IQAC of the college**

- Member, Criteria V for NAAC (2019-2023)

#### **9. Experience on the Various Committees at the University of Mumbai / Government**

- Paper Setter/ Moderator / Examiner for B. Sc. Biotechnology Theory Examination (Paper IV- Environmental Biotechnology), and Practical Examination University of Mumbai
- Examiner for B.Sc. Biotechnology, University of Mumbai
- Examiner for B. Tech in Biotechnology, M.Sc. (Industrial Microbiology) program and M.Sc. in Food Science and Technology at D.Y. Patil University of Biotechnology and Bioinformatics (2015-2016, 2016-2017, 2022-2023)
- Paper setter and Moderator of Paper IV, T.Y. B.Sc. Biotechnology theory and Paper III, M.Sc. part-I Biotechnology at Pillai College of Arts, Commerce & Science, New Panvel (2019-2020)
- Examiner for T.Y. B.Sc. Biotechnology Practical at Pillai College of A.C.S, New Panvel (2019-2023)