



N.D.M.V.P. Samaj's
Arts, Commerce and Science College, Deolali Camp
Tal. Nashik, Dist. Nashik.

INDIVIDUAL STAFF PROFILE

I General Information			
1.	Name	:	Rayate Prerna Shantaram
2.	Gender	:	Female
3.	Designation	:	Asst.Professor
4.	Date of Birth	:	01.10.85
5.	Address (Residential)	:	'Sankalp',plot No.53,Prabhat Nagar,Mhasrul,Nashik
	Phone	:	9850180240
	e-mail	:	rayateprerna1@yahoo.com
6.	Academic Qualification	:	MSc(Microbiology).,SET, BSc (Botany)
	(I) Master's Degree	:	MSC. (Microbiology),BSc(Botany)
	(ii) Research Degree	:	PhD(Pursuing)(Environmental Science)
	(iii) Any other degree/diploma/certificate	:	NPTEL-SWAYAM Certificate Courses: 1. Dairy and Food Process and Products Technology 2. Genetics and Genomics 3. Applied Environmental Microbiology
	(iv) NET / SLET	:	SET
7.	Area of Specialisations	:	Microbiology,Environmental Sciences,

II Teaching Experience					
		:	Year	Month	
	(I) UG	:	11	04	
	(ii) PG	:	-	-	
	(iii) M.Phil	:	--	--	

IV. Research Projects: (Major/Minor/Other Research Projects)					
-	-	-	-	-	-
V Seminars/Conferences/Workshop					
A. Seminars/Conferences/ Workshops- Attended/Participated		Up to Academic Year 2015-16 (Number)	In the Academic Year (Till date)		
(I)	At the State Level	07	09		
(ii)	At the National Level	01	02		
(iii)	At the International Level	02	02		
Note:	Details are given in Annexure-I				
B. Seminars/Conferences/ Workshops- Participated & Presented Papers		Up to Academic Year 2015-16 (Number)	In the Academic Year (Till date)		
(I)	At the State Level	01	01		
(ii)	At the National Level	01	01		
(iii)	At the International Level	07	08		
Note:	Details are given in Annexure-II				
C. Seminars/Conferences/ Workshops- Acted as Resource Person		Up to Academic Year 2015-16 (Number)	In the Academic Year (Till date)		
(I)	At the State Level	-	--		
(ii)	At the National Level	--	--		
(iii)	At the International Level	--	--		
Note:	Details are given in Annexure-III				
VI. Publication.					
Number of Publications		Up to Academic	Academic Year		

	Year 2021		(till date)	
	Published	Accepted for Publication	Published	Accepted for Publication
(I) Books	-	-	-	-
(ii) Contribution to edited Volume of Books	-	-	-	-
(iii) Journals (national Level)	-	-	-	-
(iv) Journals (International Level)	01	-		01
Note: Details are given in Annexure V and VI				

VII. Citation Index: (Furnish the details): Nil

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VIII Membership in Academic body

(Board of Studies in-Universities and Autonomous College)

-Syllabus Sub-Committee member T.Y.B.Sc

XI. Membership in Professional body

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X. Participation in Consultancy, Training and Development etc.

- Free of cost consultancy for Checking of Bacteriological Potability of domestic water to college students and Staff

XI. Participation in Extracurricular Activities (NSS, NCC, Sports, Games, Voluntary association and Cultural activities)

- Arranged Hemoglobin & Blood group check up for NSS camp and in the college every year
- Regularly conducts epidemiological survey
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XII. Administrative position held in the College

XIV. Membership in autonomous program
Nil
XV. Any other information if any. (Future Plans)
<ul style="list-style-type: none">• Perusing PhD• Apply for major and Minor research projects at WOSA• Write research articles / papers in reputed journals• Start inhouse production of bioinoculants/Mushroom.• Involve students in extension activities

All the information filed in above columns is true to the best of my knowledge. I will be solely responsible for it if found irrelevant

**P.S.Rayate
Dept. of Microbiology**

ANNEXTURE-I

Seminars/Conferences/ Workshops- Attended/Participated

Sr.No.	Name of Faculty	Level attended	Sponsoring agency	Date(s)	Theme
1	P.S.Rayate	State	BCUD	7 & 8 /2/2011	Contemporary issues in environment
		State	BCUD	24/1/2012	Mathematics for microbiologists
		State	University of pune	15/2/12	Recent trends in life science
		State	BCUD	29 &30/3/2013	Advances in biotechnology
		State	BCUD	21/12/13	Detailing of restructured SYBSc Syllabus
		State	BCUD	23&24 / 4/14	Paradigms of innovations for student centric higher education
		State	BCUD	18 &19/ 1/2016	Effects of chemical on biodiversity “Ecological & Comparative studies of Microcystis Bloom Of 2 ponds located at different locations”
		National	BCUD	3/2/16 to 6/2/16	Recent trends in biodiversity conservation and sustainable development
		International	BCUD	11- 13/2/2016	Plant research and resource management
		International	BCUD	13 -14 Sept 2016	Impact of globalization on cross cultural & ethical issues in Arts & Media , Commerce & Management And Science & Technology
		International	BCUD	22- 23/7/2017	Royal, An International Multidisciplinary Half –Yearly Research Journal
		International	BCUD	29 th Sept 2017	International Multidisciplinary Conference on Commerce, Management, Technology and Environmental Science
		National	BCUD	5/01/17 to 6/01/17	Conservation of Environment for human sustenance
		State	BCUD	28&29 Dec 2017	Conservation of Environmentby waste management
		State	BCUD	25&26 Feb 2018	Biodiversity of Maharashtra
		Workshop		30/11/18	NPTTEL Workshop

		Workshop	SPPU	22 June2020	S. Y. B. Sc. Microbiology and Industrial Microbiology Syllabus Detailing”
		Workshop		16-17 July 2020	Utilizing Digital Resources for E-Content Development and Designing"
		International		20 th July 2021	<i>Impact of Environment on Agriculture, Health, Water Resources, Social life & industrial Development</i>
		International	IIMT University ,Meerut	30 th and 31th march	ICABAM-2022, International Conference on advances of Biotechnology and Applied microbiology.

ANNEXTURE-II

Seminars/Conferences/ Workshops- Participated & Presented Papers

Sr. No.	Title of Paper	Name of the conference	International / National / State / Local	Name of the organizing College/ Agency	Date
1.	“Ecological & Comparative studies of Microcystis Bloom Of 2 ponds located at different locations”	Effects of chemical on biodiversity	State	K.G.D.M ASC College , Niphad	18 &19/ 1/2016
2.	“Physico chemical & microbial analysis of different river water in Niphad area	Recent trends in biodiversity conservation and sustainable development	National	KAANM ASC College, Satana	3/2/16 to 6/2/16
3.	Ecological & physico-chemical studies on blooms of Melosira & Gymnodium in Pune (MS) area	Impact of Globalisation on cross cultural & ethical issues in Arts & Media, Commerce & Management And Science & Technology	International	R.N Chandak Arts, J.D.Bytco Commerce & N.S Chandak Science College, Nashik Road	13- 14/9/16
4.	Ecological and physiological studies on blooms of Anabaena in Hadapsar fish pond, Pune (M.S) area	Environmental Science, Ecology, Biodiversity and climate change	International	Waghire College Arts, Science And Commerce, Saswad , Pune	22&23 July 2017
5.	Ecological studies on khadki Pond A Pune (M.S.) with reference to	International Multidisciplinary Conference on	International	Dnyandeep Mandal’s St. Joseph College of Arts &	29 sept 2017

	Algal blooms”	Commerce, Management, Technology and Environmental Science		Commerce, Satpala, Virar, Vasai	
6.	Decolorization and detoxification of textile dyes and effluent with a laccase enzyme from <i>Trametes hirsuta</i>	Biodiversity of Maharashtra	International	ASC college, Sonnai	25&26 Feb 2018
7.	Ecological and Physico-chemical observations on three blooms of Euglena in Pune, (MS) area.	Biodiversity of Maharashtra	International	ASC college, Sonnai	25&26 Feb 2018
8.	Bacteriological analysis of tap water samples from Bhagur, Deolali camp and Vihitgaon, Nashik (MS)	Agrobase Industries and Environment	International	KGDM College, Niphad	Feb-2018
9.	Isolation of Cartap hydrochloride degrading microorganisms from soil.	Agrobase Industries and Environment	International	KGDM College, Niphad	Feb-2018
10.	Physico-Chemical observations on five Microcystis Blooms located at different localities in Pune (MS) area		International		
11.	Bacteriological analysis of drinking water from Deolali gaon and adjoining areas, Nasik (MS), India.	<i>Impact of Environment on Agriculture, Health, Water Resources, Social life & industrial Development.</i>	International	Maharashtra Vidhalaya, Nilanga	20 th July 2021
12.					

Book Publication

Sr. No.	Name of the Book	ISBN No.	Publisher	Year of Publication
1.	FOOD AND DAIRY MICROBIOLOGY-MB336	978-93-5473-221-8	IJMS	2021