

Profile of the Faculty



1. General Information:

Name of the Faculty	:	Mrs. Gandharkar Archana Nishant
Name of the Department	:	Department of Microbiology
Educational Qualifications	:	M.Sc. (Microbiology), DBM, Certified Internal Auditor for ISO 9001-2000/2008 for total quality control, Pursuing Ph.D.
Present Position	:	Assistant Professor
Address for Correspondence	:	At-Post-Nawade, Tal-Panvel, Dist.-Raigad, Maharashtra 410206
E-mail	:	archana.gandharkar@gmail.com
Contact Number	:	9769784676
Specialization	:	Microbiology
Total teaching experience	:	11 Years
Courses taught	:	<ul style="list-style-type: none">➤ S.Y. BSc. (Environmental Microbiology; Applied Microbiology ,Paper no.2)➤ T.Y.B.Sc.(Bioprocess Technology, Paper no.4)➤ M.Sc. Part I (Cell Biology and Virology, Paper no.2)➤ M.Sc. Part -II (Food and Pharmaceutical Microbiology Paper No.4)➤ Certificate course in Applied Biotechnology➤ Diploma Course in Applied Biotechnology➤ Bridge Courses (F.Y.B. Sc and T.Y.B. Sc)
Research experience	:	06 Years

2. Publication of Research Papers:

UGC listed journals	:	Nil
Peer reviewed journals	:	Nil
Non-peer reviewed journals	:	05

Conference proceedings	:	01
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3. List of Publication of Research Papers:

Papers Published in Non-Peer Reviewed Journals

SN	A. Y.	Author and Co-authors	Title of Paper	Level	Details of Publication
01	2012-13	Mrs. A.N.Gandhrakar	Survey on Fertilizers/Pesticides	National	Anugoonj Issue 2, 2012-13 ISSN 2348-9731, Pp 49-51
02	2013-14	Mrs. A.N.Gandhrakar	Effect of industrial effluent on water quality of Kashedi River at Taloja M.I.D.C., Maharashtra	National	Anugoonj Issue 3, 2013-14 ISSN 2348-9731, Pp 46-54.
03	2014-15	Mrs. A.N.Gandhrakar	The Microbial Evaluation of contact surfaces of hotels from Panvel region.	National	Anugoonj Issue 3, 2014-15 ISSN 2348-9731, Pp.42-47.
04	2015-16	Mrs. A.N.Gandhrakar	Isolation and Characterization of bacterial flora from Indian Currency circulating in Panvel city, Raigad	National	Anugoonj Issue 5, 2015-16 ISSN 2348-9731, Pp 49-53.
05	2016-17	Mrs. A.N.Gandhrakar	Survey on consumer attitudes and knowledge towards use of antibiotics among the citizen of Panvel	National	Anugoonj Issue 6, 2016-17 ISSN 2348-9731

Paper Published in Conference Proceeding

SN	A.Y.	Author and Co-authors	Title of Paper	Level	Title, Venue, ISSN/ ISBN, Page No.
01	2016-17	Ms. Samruddhi Patil,	Isolation, Identification and Characterizatio	National	Frontiers in Applied Biological and Chemical Sciences.Smt. Chabdibai Himathmal Mansukhani College, Ulhasnagar

		Mrs.A.N. Gandharkar	ns of Bacteriocin-Producing Bacteria and its antimicrobial activity		
02	2019-20	Ms. Jogalekar Prajakta Pramod, Mrs.. N Gandharkar	Assessment of in vitro Antimicrobial and Antioxidants Activity of Tamarindus indica and Pithecellobium dulce Leaf extract	National	Expanding Panorama of Microbiology, C. K. Thakur ACS College, New Panvel,

4. **Membership:** Life Membership of Microbiologist Society, India

5. **Consultancy service provided and Revenue generated:**

6. **Academic Staff College Orientation/Refresher courses attended:**

Name of the Course	Place	Duration	Sponsoring Agency
Orientation Course	Nil	-	-
Refresher Course	Online conducted by PMMMNMTT and Teaching learning center Ramanujan College, University of Delhi	2 Weeks (20/04/2020-06/05/2020)	MHRD
Short Term Course	Online conducted by Ramanujan College Delhi	One week	MHRD

7. **Participation in conferences, symposia, seminars, and workshops:**

Level	Presented paper/poster	Only attended
International	Nil	01
National	02	14

State	Nil	05
University	Nil	03
College workshop	Nil	05

**8. Participation in conferences, symposia, seminars, and workshops:(Online Mode)
Webinar**

A) Participation in Webinar

Sr.no.	Title of Webinar	Date	College/Institute	Level
01	Webinar on IPR, Copyright and Plagiarism	17 April 2020	C.K. Thakur ASC College, Khanda Colony (Autonomous College)	College
02	Webinar on Citation Tool: Zotero	25 April 2020	C.K. Thakur ASC College, Khanda Colony (Autonomous College)	College
03	International webinar on 'Interdisciplinary Scientific Research: Status and Opportunities	12/05/2020	Rayat Shikshan Sanstha's Karmaveer Bhaurao Patil College, Vashi, Navi Mumbai (Autonomous College)	International
04	Webinar on Research Methodology	30/04/2020	Rayat Shikshan Sanstha's Karmaveer Bhaurao Patil College, Vashi, Navi Mumbai (Autonomous College)	National
05	Webinar on Google Classroom	10 th May 2020	C.K. Thakur ASC College, Khanda Colony (Autonomous College)	College
06	Webinar on Learning Mathematics: Make Easy With GEOGEBRA	28 th April 2020	C.K. Thakur ASC College, Khanda Colony	College

			(Autonomous College)	
07	Webinar on Chromatography types and its recent applications	13 th May 2020	K.C. College, Mumbai	National
08	Webinar on Fun with Mathematics		C.K. Thakur ASC College, Khanda Colony (Autonomous College)	College
09	Webinar on LinkedIn	15 th May 2020	C.K. Thakur ASC College, Khanda Colony (Autonomous College)	College
10	Webinar on “Attitude change Management and work ethics in COVID 19 Scenario”	23 rd May 2020	C.K. Thakur ASC College, Khanda Colony (Autonomous College)	National
11	Two days National level webinar on “Impact of Force Majeure Clause during COVID -19 Pandemic”	11 th -12 th June 2020	S.I.W.S College, Mumbai	National
12	Webinar on RT-PCR -A molecular Diagnostics Test for COVID 19	13 th May 2020	B.K. Birla College, Kalyan	National
13	Webinar on “Yoga for Life”	21 st June 2020	Tilak College of Science and Commerce, Vashi.	National
14	Development of viral vaccine and preventive measures in pandemic	17 th May 2020	Department of Microbiology and Biotechnology, University School of Sciences, Gujrat University, Ahmedabad	National
15	Nanomaterial synthesis is Emerging Facet of the world	20 th May 2020	Late Pushpa Devi Patil Arts and Science College, Risod Dist. Washim (M.S.)	International

16	Biodiversity conservation: Roles of Social, Legal, and Financial institution	6 th June 2020	Somaiya College, Vidyavihar	National
17	Boost Research Navigation through RAX	13 th June 2020	Somaiya College, Vidyavihar	National
18	Avenues in Microbiology	20 th June 2020	S.I.W.S College	National
19	National workshop on Blended Approaches in Biosciences	28 th -30 th June 2020	Microbiologist Society, India	National
20	Webinar on Recent advances in Bioscience	28 th June 2020	Smt.Kasturbai Walchand College Arts & Science,Sangali	National

B) Active participation in various Courses offered by different agencies like MOOCs/ MHRD/UGC/WHO etc.

Sr.No.	Title of course joined	Course offered by	Duration of course	Date of joining	Status of course (completed/ongoing)
01	Fine Tuning Research Planning Using Elsevier Tools: Sciencedirect, Scopus, & Mendeley	(MOOCs) SOMAIYA COLLEGE, Vidyavihar	4 Hrs.	25/04/20	Completed
02	Emerging Respiratory Viruses including COVID-19 _Methods for detection, prevention, responses & control	WHO (MOOCs)	2 hrs.	15/04/20	Completed
03	INFECTION, PR CONTROL (IPC) FOR NOVEL CORONAVIRUS (COVID-19)	WHO (MOOCs)	1 hr.	14/04/20	Completed
04	Introduction to GO. DATA FIELD DATA	WHO (MOOCs)	2 hrs.	14/04/20	Completed

	COLLECTION, CHAINS OF TRANSMISSION & CONTACT FOLLOW UP				
05	Severe Acute Respiratory infection (SARI) TREATMENT FACILITY DESIGNS	WHO (MOOCs)	2hrs	14/04/20	Completed
06	Understanding open educational resources	Commonwealth of learning CANADA	3 hrs.	15/04/2020	Completed
07	COVID-19 AWARENESS & MANAGEMENT	Medavarsity, NATHEALTH & FICCI	1 hr.	14/04/2020	Completed
08	Let's break the chain of Covid-19 infection	MOOCs	1 hr.	01/04/2020	Completed
09	CORONAVIRUS AWARENESS PROGRAMME	MOOC	1 hr.	26/04/2020	Completed
10	e PROTECT respiratory infections (EN)	MOOC (WHO)	1 hr.	15/04/2020	Completed
11	Coronavirus Disease 2019	Course sera	1 hr.	22/04/2020	Completed

C) Details of Active participation in various Faculty Development Program

Sr.No.	Title of FDP	FDP offered by	Duration of FDP	Status of course (completed/ongoing)
01	Moodle learning management system	Sinhagad inst. Of technology Lonavala, Maharashtra in association with Spoken Tutorial Project IIT, Bombay	1 week (01/05/20 to 06/05.20)	Completed
02	Educational video creation (E-Content development)	Toshniwal Arts, commerce & Science college. Sengaon, Hingoli (MOOC)	3 days; 11 May to 13 May 2020	Completed

03	Use of ICT Tools in Higher Education	Arts, Commerce and Science College, Gangakhed, Dist. Parbhani. (MOOC)	2 days 7-8 May 2020	Completed
04	Empowerment Through Digital Technology and E-Learning-I	SNDT University Dr. Babasaheb Ambedkar Chair in Collaboration with Shri MD shah Mahila College of Arts & Commerce, Mumbai	2 Weeks 18-31 st May 2020	Completed
05	Open Source Tools for Research	PMMMNTT and Teaching learning center Ramanujan College, University of Delhi	One week 8 th June-14 th June 2020	Completed
06	Empowerment Through Digital Technology and E-Learning-II	SNDT University Dr. Babasaheb Ambedkar Chair in Collaboration with Shri MD shah Mahila College of Arts & Commerce, Mumbai	2 Weeks 1 st June-12 th June 2020	Completed

9. Conferences, symposia, seminars, and workshops organized as organizing committee member:

Level	Convener	Organizing Committee Member
National	Nil	04
State	Nil	02
University	Nil	Nil

10. Experience on the various committees at the college

- Member Board of studies, Department of Microbiology
- Co-Ordinator for Certificate and Diploma courses in Applied Biotechnology
- Member of Alumni Association
- Member of Student Welfare
- Member of Science Association
- Member of Gymkhana Committee

- Member of Cultural Committee
- Member of Excursion Committee

11. Experience on the NAAC/ IQAC of the college

- Worked as a member for Criteria III (2010-2011)
- Member of Criteria IV (2019 to 2020)

12. Experience on the Various Committees at the University of Mumbai / Government

- Worked as External examiner for B.Sc. Microbiology (Major) Practical and Theory papers (Paper No.-IV Bioprocess Technology, Mumbai University).
- Worked as External examiner for PG-DMLT Theory papers (Mumbai University).
- Worked as Co-Ordinator for 18th State Level Microbiological Contest 2018-2019 (Mumbai region).

13. Awards/recognitions received: Nil

Level	Title	Year	Awarding agency
International	Nil		
National	Nil		
State	Nil		
University	Nil		