

## Profile of the Faculty



### 1. General Information:

Name of the Faculty	:	<b>Dr. (Mrs.) Seema Sambhaji Kokitkar</b>
Name of the Department	:	Biotechnology
Educational Qualifications	:	M.Sc., Ph.D., Postdoc. (NET, GATE)
Present Position	:	Assistant professor & Head
Address for Correspondence	:	104-Parijat, Plot No-19, Sector-12, Khanda Colony, New Panvel, District Raigad, Maharashtra, India
E-mail	:	<a href="mailto:biotechckt@yahoo.com">biotechckt@yahoo.com</a> <a href="mailto:seemaskk11@gmail.com">seemaskk11@gmail.com</a>
Contact Number	:	0986933458
Specialization	:	Biochemistry and Biotechnology
Total teaching experience	:	19 years
Courses taught	:	Biochemistry, Immunology, Genetic engineering, PTC, ATC
Research experience	:	17 years
Number of students registered for Ph.D. degree	:	05
Number of students awarded Ph.D. degree	:	Nil
Number of students awarded M.Phil degree	:	01

## 2. Publication of Research Papers:

UGC listed journals	:	<b>02</b>
Peer reviewed journals	:	<b>01</b>
Non-peer reviewed journals		<b>02</b>
Conference proceedings	:	<b>05</b>

## 3. List of Publication of Research Papers:

1. TanujaUpadhayay, **SeemaChavan** and D. P. Mishra. 'A study on polyamine accumulation under salt stress in salt resistant and salt sensitive varieties of rice'. *International Journal of Physiology & Mol. Biol. Plants* (2001) 7:55-59.
2. **SeemaKokitkar**, ShwetaBhagat, OmkarRaut and TukaramShelke. 'Effect of various temperatures on antioxidants present in *Annonasquamosa L.*' *Journal Bionano Frontier*, 2014, Volume 07, Special Issue 12, pp No. 86-88
3. PoonamDayaram, **SeemaKokitkar**, Bhupesh Mali, RavinaMhaskar, ShubhangiJamdar and RohitJadhav. 'Enumeration and Characterization of Pathogenic Microbial Load from Automatic Ticket Vending Machine in Mumbai's Harbour Route', *Journal Bionano Frontier*, 2013, Volume 06, Special Issue 03 pp97-99.
4. PoonamDayaram**SeemaKokitkar**, KritikaChoubey and NehaNatekar. 'Preservation studies of pathogenic microorganisms in saline suspension', *Journal Bionano Frontier*, 2014, Volume 07, Special Issue 12pp No. 136-137.
5. SmitaSinalkar,**SeemaKokitkar**and Swati Singh. 'Potential benefits of *Punicagranatum*', *Journal Bionano Frontier*, 2014, Volume 07, Special issue 12, pp No. 70-74.
6. Latika C., **Seema K.** and Akshya P. 'To study the effect of *Allium sativum* oil on acne causing bacteria', *Journal Bionano Frontier*, 2014, Volume 07, Special issue 2, pp No. 39-41
7. **S.S. Kokitkar**, R.S. Gharat and P. Kumbhar Survey on nutritional status of pregnant women in Panvel,**Annogunj**,2013 , Issue 03, pp 60-62 (**ISSN No.2345-9731**)

8. **S.S. Kokitkar , Poonam D., S.S. Sinalkar** Survey on uptake of liquid diet by people of different age groups in and around Panvel., **Annogunj**,2013 , Issue 03, pp 55-59 (ISSN No.2345-9731
9. **S.S. Kokitkar, L.R. Chavan and S.A. Bhagat:** Alleviation of Adverse Effects of Salt Stress in *TriticumAestivum*by Foliar Application of Compatible Solutes. International Journal Of Researches In Biosciences, Agriculture And Technology, Vol. V, Special Issue (3), pp., 272-276 (ISSN 2347 – 517X) **UGC Approved Journal**
- 10.**S.A. Bhagat, S.S. Kokitkar and L.R. Chavan:** Isolation of chloropyrifos degrading bacteria from contaminated soil and evaluation of their bioremediation potential. International Journal Of Researches In Biosciences, Agriculture And Technology, Vol. V, Special Issue (3), pp., 308-312 (ISSN 2347 – 517X) **UGC Approved Journal**

#### 4. Books:

Reviewed Book	:	Textbook of Basic and Clinical Immunology by Dr. Sudha Gangal (University Press)
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#### 5. Minor Research Project Completed:

Title of the project	Date of sanction	Duration	Grant Sanctioned	Funding agency
Production, Purification and Immobilization of $\beta$ -glucosidase from Cellulolytic Isolates of Raigad District and to Check its Potential for Hydrolysis of Lignocellulosic Biomass for Bioethanol Production	28/07/2017	02 Years	4,50,000/-	University Gant Commission
Isolation, purification and Characterization of Protease and Lipase from Isolates in Raigad District and their Comparative Study in Oil Degumming for Biodiesel Production	21/09/ 2010	02 Years	2,00000/-	University Gant Commission
<i>Punica granatum</i> peel and <i>Citrullus lanatus</i> rind	17/10/2014	01 Years	30,000/-	University of Mumbai

mediated green synthesis of Cu Nanoparticles: An Eco-Friendly Approach				
Effect of salinity On callus of <i>Jatropha curcus L.</i> and role of osmolytes	26/11/2010	01 Years	35,000/-	University of Mumbai
Effect of salt stress on carotenoid content in different food sources	14/02/2007	01 Years	30,000/-	University of Mumbai

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

Name of the Course	Place	Duration	Sponsoring Agency
Orientation Course	LNCPE Gwalior	26/11/2019 to 16/12/2019	RUSA
Refresher Course	University of Mumbai	20/02/2017 to 11/03/2017	RUSA
Short Term Course	University of Mumbai	07/03/2011 to 11/03/ 2011	UGC

**7. Participation in conferences, symposia, seminars and workshops: (2015-16 to 2019-2020)**

Level	Presented paper	Only attended	Chaired session	Resource person	Online webinars and workshops during Covid-19
International	01	--	01	--	01
National	--	11	--	--	02
State		04			--
University	--	12	--	01	02

**8. Conferences, symposia, seminars and workshops organized as convener/co-convener:**

<b>Level</b>	<b>Convener</b>	<b>Co-convener</b>
International	<b>Nil</b>	<b>Nil</b>
National	<b>02</b>	<b>01</b>
State	--	
University	<b>02</b>	--

**9. Experience on the various committees at the college-**

- Chairperson of Avishkar Research committee (2013-2014 to till date) – College won 05 times overall championship and one time runners-up position in Avishkar Research Convention, University of Mumbai under my chairmanship.
- Member of the Examination Committee (2018-19 –till date)
- Member of Library Advisory Committee (2017-till date)
- Member of Research Committee (2018- till date)
- Chairperson of Science Association (2012-2013)
- Member of time table committee (2009-2013)
- Member of teacher- parent committee (2005-2013)
- Member of discipline committee (2008-2013)
- Member of Research association, (2009-2012)
- Member of specialty programme committee, (2006-2013)
- Member of career oriented courses committee,(2006-2013)
- Member of Alumni association,(2006-2013)
- Member of Cultural association,(2007-2010)
- Member of Avishkar Research Committee,(2008-2010)
- Member of Library Advisory Committee(2013-2014)

**10. Experience on the NAAC/ IQAC of the college**

- Member of IQAC
- Member of the committee for criteria –III
- Editor of the booklet on Avishkar for third cycle of NAAC
- Represented the Department at First, Second and Third Cycle of NAAC

**11. Experience on the Various Committees at the University of Mumbai / Government- Awards/recognitions received :**

<b>Level</b>	<b>Title</b>	<b>Year</b>	<b>Awarding agency</b>
University	<ul style="list-style-type: none"> <li>Coordinator Research, Innovation and Incubation Centre, Kokan Vibhag, Govt. of Maharashtra</li> </ul>	2019 -till date	University of Mumbai
	<ul style="list-style-type: none"> <li>Member of Ad hock board of studies in Biotechnology, University of Mumbai</li> </ul>	2019 -till date	University of Mumbai
	<ul style="list-style-type: none"> <li>Member of board of studies in MGM school of Biomedical Science</li> </ul>	2019 -till date	MGM University of health Science
	<ul style="list-style-type: none"> <li>Member of Local Enquiry Committee University of Mumbai for Ph.D., UG, and PG affiliation visited: Vaze College, Gogte Joglekar College Ratnagiri, CHM College, Viva College, Thakur College, and Pillai College.</li> </ul>	2004- till date	University of Mumbai
	<ul style="list-style-type: none"> <li>Member of M. Sc. Biotechnology syllabus revision committee, University of Mumbai</li> </ul>	2018-2019	University of Mumbai
	<ul style="list-style-type: none"> <li>Visited as a member of Local Enquiry committee, University of Mumbai</li> </ul>		University of Mumbai
	<ul style="list-style-type: none"> <li>Recognized research guide for Ph.D. Science in the subject of Biotechnology, University of Mumbai</li> </ul>	2015-2016	University of Mumbai
	<ul style="list-style-type: none"> <li>Recognized guide for M.Sc. by Research in Biotechnology, University of Mumbai</li> </ul>	2012-2013	University of Mumbai
	<ul style="list-style-type: none"> <li>Recognized PG Teacher in Biotechnology, University of Mumbai</li> </ul>	2012-2013	University of Mumbai
	<ul style="list-style-type: none"> <li>Recognized research guide for M.Phil biotechnology, distant education</li> </ul>	2006-2007	Alagappa University, Tamilnadu.