

**Profile of the Faculty:****1. General Information:**

Name of the Faculty	:	<b>Manjusha Nitin Dande</b>
Name of the Department	:	Biotechnology
Educational Qualifications	:	M.Sc. Biotechnology, Ph.D.
Present Position	:	Assistant Professor
Address for Correspondence	:	Changu Kana Thakur Arts Commerce and Science College New Panvel
E-mail	:	<a href="mailto:biotechmanjusha@gmail.com">biotechmanjusha@gmail.com</a>
Contact Number	:	9309503090
Specialization	:	Biotechnology
Total teaching experience	:	5 years
Courses taught	:	Cell Biology, Immunology, Molecular Biology, Molecular genetics, Nanotechnology, Biochemistry, Cancer biology
Research experience	:	1. Junior Research Fellow, Project entitled, "In vitro production and optimization of antimicrobial secondary metabolites i.e. Passicol from Passiflora species". DST, Fast Track, funded Major Research Project New Delhi during the period 2009-2010. Under the guidance of Dr. Anita S. Patil, Professor, Department of Biotechnology, S.G.B. Amravati University, Amravati.

	2. Awarded Rajiv Gandhi National Fellowship funded by UGC, New Delhi during the period of 2009-2014.
--	--

## 2. Publication of Research Papers:

Peer reviewed journals	:	6
Non-peer reviewed journals	:	
Conference proceedings	:	–

### List of Publication of Research Papers:

1. Manjusha R. Chakranarayan, Anita Patil, and P. Khandelwal (2009). Antimicrobial efficacy of volatile and non-volatile secondary metabolites from *Trichoderma* species against pathogens. J Plant Disease Science. 4(2): 170-172.
2. Manjusha R. Chakranarayan and Anita S. Patil (2013). Characterization of microscopic, macromorphological and aflatoxin producing capabilities of *Aspergillus* species associated with rhizosphere of groundnut (*A. hypogea* L.) J Chem Biol and Phys Science. 3(2): 1327-1337.
3. Manjusha R. Chakranarayan and Dr. Anita Patil (2016). Production and characterization of *Trichoderma* metabolites: A new approach for selective bioremediation. Recent trends in PGPR research for sustainable crop productivity, 29.
4. Manjusha R. Chakranarayan and Dr. Anita Patil (2016). Production and characterization of *Trichoderma* metabolites: A new approach for selective bioremediation. In book- Recent trends in PGPR research for sustainable crop productivity, chapter 4, pp 29-50. PGPR society. Scientific publishers (India) ISBN: 978-81-7233-990-6.
5. Manjusha R. Chakranarayan (2021) Antagonistic Activity of *Trichoderma Flavofuscum* against Peanut Pathogenic Mycoflora: Way to Formulate the Biocontrol System and Aflatoxin Bioremediation. International Journal of Scientific Research and Engineering Development— Vol. 4 Issue 5, 1310-13018. Sep- Oct 2021.
6. Manjusha Chakranarayan, Varenayam Achal, Shubhangi D Shirsat, Mahendra Rai, (2023). Green synthesis of silver nanoparticles (AgNPs) using *Alstonia scholaris* extract: Evaluation of their antioxidant, enzyme inhibitory, antimicrobial, and antimutagenic activities through in

vitro and in silico studies. International Journal of Biological Macromolecules. (Accepted).

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

Level	Presented paper	Only attended	Chaired session	Resource person
International	<b>01</b>		-	-
National	<b>04</b>	<b>04</b>	-	-
State	-	<b>01</b>	-	-
University	-		-	-