



Profile of the Faculty

1. General Information:

Name of the Faculty	:	Mr. VEMULA ANVESH NARSHIMLU LAXMI
Name of the Department	:	Microbiology
Educational Qualifications	:	M. Sc. Microbiology, ICAR-NET (Agricultural Microbiology), MH-SET (Life Science) Pursuing Ph. D. (University of Mumbai)
Present Position	:	Assistant Professor
Address for Correspondence	:	711, Building No. 7, Pushp Vinayak Society, Adai, Panvel 410206
E-mail	:	vemulaanvi@gmail.com
Contact Number	:	9975 565 244
Specialization	:	Genetics
Total teaching experience	:	10 (UG-10, PG-07)
Courses taught	:	<u>F. Y. B. Sc.:</u> Fundamentals of Microbiology & Basics of Microbiology <u>S. Y. B. Sc.:</u> Introduction to Metabolism and Enzymology & Estimation of Biomolecules and Introduction Bioenergetics and Biostatistics <u>T. Y. B. Sc.:</u> Microbial Genetics & Applied Biotechnology <u>M. Sc. I:</u> Microbial Genetics & Molecular Genetics I & II <u>M. Sc. II:</u> Applied and Environmental Monitoring & Management
Research experience	:	06
Number of students registered for Ph.D. degree	:	NIL
Number of students awarded Ph.D. degree	:	NIL
Number of students registered for P.G degree by research	:	NIL
Number of students awarded P.G degree by research	:	NIL

2. Publication of Research Papers:

UGC listed journals	:	07
Peer reviewed journals	:	02
Non-peer reviewed journals	:	04
Conference proceedings	:	01

3. List of Publication of Research Papers:

1. **Vemula A. N.** Microbiological Analysis of Milk in Panvel Area. Anugoonj, Issue – 4: 48-55. **2015**.
2. **Vemula A. N.** Environmental Monitoring of Air Conditioned Offices in Khanda Colony Area. Anugoonj, Issue – 5: 56-59. **2016**.
3. Vadnere N. C., Viresh A. Parab, **Vemula A. N. (2017)**. Isolation of Probiotic Microbe with Anti-gastrointestinal Pathogen activity from fermented food samples. EPOM: Conference proceedings. .
4. **Vemula A. N.** Efficacy testing of preservatives in ophthalmics. Anugoonj, Issue -6: 49-52. **2017**.
5. Jadye V. V.¹ and **Vemula A. N.²** Extraction, Characterization and Formulation of Lactobacillus Derived Bio-Surfactant Inhibiting Biofilm Formation of Human Opportunistic *Candida albicans*. International Journal of Pharmacy and Biological Sciences ISSN: 2321-3272 (Print), ISSN: 2230-7605 (Online) IJPBS. 8(1):92-97.
6. ¹Garude N. R., ²**Vemula A. N*.**, ³Sagalgile R. M. (2019). Seed Priming with Chitosan for Enhanced Plant Growth under Salt Stress. International Journal of Pharmacy and Biological Sciences-IJPBSTM. 9(3): 06-11 Online ISSN: 2230-7605, Print ISSN: 2321-3272. Received: 10 Mar 2019 / Accepted: 9 Apr 2019 / Published online: 1 Jul **2019**.
7. Mahadik A. K.¹, **Vemula A. N.²**. (2019). Probiotics: Potential Bio-Therapeutics for Lowering Cholesterol. International Journal of Pharmacy and Biological Sciences-IJPBSTM. 9(3): 70-73 Online ISSN: 2230-7605, Print ISSN: 2321-3272. Received: 10 Mar 2019 / Accepted: 9 Apr 2019 / Published online: 1 Jul **2019**.
8. Sagalgile R. M, Khanna Simran S, Pandey Alok R and **Vemula A. N. 2019**. Isolation and Characterization of Xylanase Producing Bacteria and Optimization of Parameters for Xylanase Production. International Journal of Pharmacy and Biological Sciences. 9(3): 1382-1390.

9. Mane SS., **Vemula AN. (2022)**. "Chitosan Bionanocomposite: A Potential Approach for Sustainable Agriculture". *Medicon Agriculture & Environmental Sciences* 2.2: 41-46.
10. Patil S. P., **Vemula A. N. (2022)**. Heavy Metal Free Potable Water: Application of Bio-Emulsifier Produced by *Acinetobacter* Species Isolated from Soil in Lead Removal. *World Journal of Pharmacy and Pharmaceutical Sciences*. 11 (6) 1858-1871. ISSN 2278 – 4357. DOI: 10.20959/wjpps20226-22358.
11. Ms. Bhagyashree A Debnath¹, **Mr. Anvesh N. Vemula². (2021)**. Immobilization of Titanium Dioxide based Nanoformulation for Enhancement of Plant Growth under environmental Stress condition. *International Journal of Innovative Research in Technology*. Volume 8 Issue 6: 283-288| ISSN: 2349-6002.
12. **Vemula A. N.**, Khare A. Testing Mutagenicity Potential of Food Additives by Ames Test from Panvel Area. *Anugoonj*, Issue – 10: 43- 46. **2022**.
13. **Mr. Vemula Anvesh Narshimlu*** and Dr. Malik Nagesh Narayan. **(2023)**. Isolation, Characterization and Screening of Marine *Pseudomonas* Sp. for Bioactive Compounds and their Potential Use as Anti-Microbial and Anti-Oxidant Agent. *Bull. Env. Pharmacol. Life Sci.*, Spl Issue [1] January 2023: 198-205. Online ISSN 2277-1808.
14. Vadnere, N. C., **Vemula A. N.**, Subramanian, P. **(2023)**. Exopolysaccharide (EPS) Production and Characterization from Aquatic Isolates. *A Journal of Composition Theory*. 16 (7): 14-17.

4. Books authored:

International Publisher	:	NIL
National Publisher	:	NIL
Chapter in edited book	:	NIL
Edited book by International publisher	:	NIL
Edited book by National publisher	:	NIL

5. List of Books authored: NIL

6. Major Research Project Completed:

Title of the project	Date of sanction	Duration	Grant received	Funding agency
Isolation of Efficient Exopolysaccharide Producing Bacteria and Studies on Its Eco-Friendly Applications	01/01/2020	One Year	Rs. 1,00,000/-	Rashtriya Uchchatar Shiksha Abhiyan, India.

7. Minor Research Project Completed:

Title of the project	Date of sanction	Duration	Grant received	Funding agency
Production of Cellulose by Isolating Efficient Bacterium & Study its Suitable Application	03/01/2022	One Year	Rs. 17,000/-	Changu Kana Thakur Arts, Commerce & Science College (Autonomous), New Panvel Sanctioned under 'Seed Money by Institution'.

8. Patents: NIL

Status	National	International
Applied		
Granted		

9. List of patents: NIL

10. Membership: NIL

11. Consultancy service provided and Revenue generated: NIL

12. Academic Staff College Orientation/Refresher courses attended: NIL

Name of the Course	Place	Duration	Sponsoring Agency
Orientation Course			
Refresher Course			
Refresher Course			

Short Term Course			
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13. Participation in conferences, symposia, seminars and workshops:

Level	Presented paper	Only attended	Chaired session	Resource person
International		02		
National		07		
State		01		
University		01		

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

Level	Convener	Co-convener
International		
National		
State		
University		

15. Experience on the various committees at the college

- Member, Board of Studies, Department of Microbiology, C. K. Thakur ACS College (Autonomous), New Panvel
- Member, Avishkar Research Convention
- Member, Career Guidance, Placements & Counselling Programme
- Member, Office Bearers, Alumni Association
- Member, Gymkhana Committee
- Member, Placement Cell
- Member, PG Examination Committee

16. Experience on the NAAC/ IQAC of the college: NIL

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

- Worked as Moderator for T. Y. B. Sc. Semester VI Applied Component Theory Paper

18. Awards/recognitions received : NIL

Level	Title	Year	Awarding agency
International			
National			
State			
University			