**Resume**

**Vennela Ambadas Nampalli**

**Address**: 94/7, Jodbhavi Peth, Solapur-413002, Maharashtra, India

**Cell**: (+91) 8806026741

**Email**: [vennelanampalli@gmail.com](mailto:vennelanampalli@gmail.com)

**Objective:**

To obtain a responsible position of Assistant Professor, that provides me a good platform to utilize my teaching, research and administrative skills.

**Educational Qualification:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course** | **College/Institute** | **University/Board** | **Percentage** | **Year of Passing** |
| M.Sc. Biotechnology | Walchand Centre for Biotechnology, Solapur | Solapur University, Solapur, Maharashtra | 91%  (**1st in University**) | 2021 |
| B.Sc. Biotechnology | Walchand Centre for Biotechnology, Solapur | Solapur University, Solapur, Maharashtra | 87.52%  (**University Gold medalist**) | 2019 |
| H.S.C. | Walchand College of Arts and Science, Solapur | Pune Divisional Board, Maharashtra | 81.85% | 2016 |
| S.S.C. | St. Joseph High School, Solapur | Pune Divisional Board, Maharashtra | 90.60% | 2014 |

**Achievements:**

* **Qualified GATE Biotechnology 2022 (AIR-764)**
* **Qualified** **Maharashtra State Eligibility Test** **(M-SET)** (September **2021**)
* **First Prize** in **BioBrainer– A Biotechnology Quiz** conducted online by Biocon Academy on 26 September, 2020.
* Qualified **IIT-JAM Biotechnology** in 2019.
* **Second Prize** in University Level Research Festival **“Avishkar -2018”** organized at SVERI College of Engineering, Pandharpur on 23rd and 24th September, 2018
* **First Prize** inIn House Research Festival **“Prerana-2018”** organized by Walchand College of Arts and Science, Solapur on 12th September, 2018.

**Experience:**

1. Assistant Professor– Biotechnology at Lokmangal Science and Entrepreneurship College, Wadala. From 10/3/2022- Till date
2. Content Development Intern at Embibe. From May 2020-July 2020

**Courses Completed:**

* How to Write and Publish A Scientific Paper, Project-Centered Course on Coursera 2020
* NPTEL Online Certification in Genetic Engineering: Theory and Application- 2019 Secured Elite + Silver medal and Ranked in Top 5 %.
* Career Oriented Course on-

1. Hands on Advance Instrumentation, 2019-2020
2. Naturopathy and Cosmetology, 2017-2018

* MS-CIT - 2014
* English Typing (30WPM) – 2014

**Technical Skills:**

* **Microbiology**- Isolation and characterization of microorganism, Fermentation, Production of industrially important compounds (Enzymes, Solvents and Acids), Antibiotic sensitivity assay, Fecal Contamination of Water, Biochemical tests, Microscopy.
* **Biochemical Techniques**- Qualitative and Quantitative estimation of biomolecules, Enzyme assays.
* **Molecular Biology**- DNA isolation, Agarose Gel-electrophoresis, PCR.
* **Genetic Engineering**- Transformation, Conjugation.
* **Plant Tissue Culture**- In-vitro culturing, Micropropagation.
* **Immune techniques**- ELISA, Diagnostic tests, Immunoelectrophoresis.
* **Bioinformatics**- Sequence retrieval systems, 3D structure retrieval and visualization tools, Homology modeling and Docking tools.
* **Nanotechnology**- Synthesis of zinc and silver nanoparticles.

**Hands on Instruments:**

Laminar air flow cabinet, Incubator, Hot air oven, Centrifuge, Autoclave, Compound and Inverted Microscope, UV- Visible spectrophotometer, PCR machine, Gel documentation unit, UV- transilluminator, Colorimeter, Paper chromatography, Thin layer chromatography.

**Project Profile:**

* “Isolation, Characterization of Carotenoids from Crustacean (prawn) shell waste and study its Pharmacological uses” under the guidance of Ms. Prajakta Kulkarni, Assistant Professor, Walchand Centre for Biotechnology, Solapur, Maharashtra.
* “Bioconversion of Waste Newspaper to Gluconic acid by Aspergillus niger” under the guidance of Ms. Prajakta Kulkarni, Assistant Professor, Walchand Centre for Biotechnology, Solapur, Maharashtra.
* “Restorative effects of Nutrients and Phytochemicals in Chronic Obstructive Pulmonary Disease” under the guidance of Ms. Vrushali Dhoble, Assistant Professor, Walchand Centre for Biotechnology, Solapur, Maharashtra.

**Publications:**

* **Nampalli, V.A.** and Kulkarni, P.C., Isolation, Characterization of Carotenoids from Crustacean (prawn) shell waste and study its Pharmacological uses, IJRAR, 2019, Special Issue, 317-320. Available online at [**http://ijrar.com/**](http://ijrar.com/)
* Kulkarni, P.C., Potnis, S.S., **Nampalli, V.A.**, Somnath, V.G., Tatipamul, K.R., Gaddam, L.S., Bioconversion of Waste Newspaper to Gluconic acid by *Aspergillus niger*, Indian Res. J. Genet. & Biotech, 2020, 12(4): 327-337.

**Conferences attended:**

1. Participated in National Conference on Emerging Trends in Pharmaceutical Chemistry- (Poster Presentation) organized at D.B.F. Dayanand College of Arts and Science, Solapur on 24th and 25th January, 2020.
2. Participated in International Conference on Emerging Trends in Microbiological Sciences & IPR (Poster presentation) organized by Miliya Arts, Science and Management Science College, Beed on 7th February, 2020.
3. Participated in Inter-University Research Convention **“Avishkar-2018”** organized at Gondwana University, Gadchiroli on 15th to 18th January, 2019**.**
4. Participated in International Conference on Advances in Pure and Applied Sciences (Poster presentation and Paper publishing) organized by Balwant College, Vita on 5th and 6th January, 2019.

# Paticipated in National Workshop on Research Methodology organized by Government College (Autonomous), Kalburgi on 9th-11th October, 2017.

**Personal Details:**

* **Skills-** Research, Analysis, Teamwork, Adaptability, Time Management, Communication.
* **Languages known**- English, Hindi, Marathi and Telugu.
* **Hobbies**- Reading novels and science articles, attending biology related conferences.
* **Date of Birth**- 13/10/1998
* **Marital status**- Unmarried

**Declaration:**

I undersigned, hereby declare that the above mentioned information is true to the best of my knowledge.

**Place**: Solapur

Vennela Nampalli