

# Suresh Babu Bastipati

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## CAREER OBJECTIVE

A self-motivated and result orientated professional with experience in all aspects of Life-science and Bioinformatics, research and training. Willing to work in a challenging and growth oriented environment where I can explore my Biotechnology skills to the fullest for the development of the company and optimize my personal and professional growth.

## CAREER SUMMERY

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- **Motivated, detail-oriented researcher.**
- Adept working professional with experience of **8 years** in the field of **Biotechnology & Bioinformatics** holding a degree of **Doctoral degree in Biotechnology**.
- Involved in imparting trainings on Bioinformatics, Mentor to new team members.

## EXPERIENCE SUMMERY

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**Aug'11- Present: Lecturer at** JNTUH, Hyderabad, India.

**Jan'10- Jul'11: Asst. Professor at** RVR & JC College of Engineering, Guntur, India.

**Sep'08- Oct'09: Project Trainee at** Medwin Hospitals, Hyderabad, India.

## EDUCATIONAL QUALIFICATION

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<b>2012 - 2018</b>	<b>Ph.D. in Biotechnology</b> , Jawaharlal Nehru Technological University, Hyderabad Dissertation: " <b>Evaluation of biological activity of <i>Elytraria Acaulis</i> L.</b> "
<b>2007 - 2009</b>	<b>M. Tech. Biotechnology</b> , Jawaharlal Nehru Technological University, Hyderabad, India. <ul style="list-style-type: none"><li>• <b>1<sup>st</sup> class</b> with distinction (<b>70%</b>)</li><li>• Dissertation: "<b>Molecular Targetting against Leukemia</b>".</li></ul>
<b>2004 - 2007</b>	<b>B.Tech. Biotechnology</b> , Jawaharlal Nehru Technological University, Hyderabad, India <ul style="list-style-type: none"><li>• <b>1<sup>st</sup> class</b> with distinction (<b>72%</b>)</li></ul>
<b>2001 - 2003</b>	<b>Diploma in Pharmacy</b> , State Board of Technical Education, <b>1<sup>st</sup> Class</b> (65%), Hyderabad, India. <b>Post Graduate Diploma in Computer Applications</b> , SBTET, Hyderabad, India.

## TECHNICAL SKILL SET

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### Bioinformatics Tools:-

<b>Visualization tools</b>	: Rasmol, Pymol, Spdbv, SwissPDB viewer
<b>Sequence analysis Tools</b>	: BLAST, EMBOSS, Clustal package
<b>Homology Modeling</b>	: Modeller 9.7, Swiss Model
<b>Phylogenetic Analysis</b>	: PAUP, Phylip
<b>Docking Studies</b>	: AutoDock, Argus Lab
<b>Biological Databases</b>	: NCBI, DDBJ, PDB, PIR, GenBank, PUBMED
<b>Alignment Tools</b>	: BLAST, FASTA, Multalign, Clustalw and Emboss

### Core Biotech Skills:

**Analytical Techniques:** UV-Vis Spectrometer, Gas Chromatography, HPLC

**Microbiology:** All Basic Microbiological techniques

**Molecular Biology:** Nucleic acid isolation from bacterial and plant cells, Electrophoresis Techniques, Genetic Engineering Techniques (PCR)

**Bioprocess Engineering:** Optimization Studies, Enzyme Kinetic Models, Handling experience on 3L, 6L Fermentor.

## PUBLICATIONS

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- K.Venkateswara Reddy, A.Vamshikrishna Reddy, **B.Suresh Babu**, T.Vijayalakshmi, "Applications of *Bacillus* sp. in Aquaculture waste water treatment", *International Journal of Scientific Research in Science & Technology*, Vol. 4(5), pp.1806-1812, 2018.
- **Suresh Babu Bastipati**, Mangamoori Lakshmi Narasu, Jayasimharayalu Daddam, "Insilico docking Studies of *Elytraria Acaulis* Gas chromatography-Mass Spectroscopy derived compound against Breast cancer target proteins", *World Journal of Pharmacy and Pharmaceutical Sciences*, Vol 6 (1), pp.1053-1062, 2017.
- **Suresh Babu Bastipati**, Mangamoori Lakshmi Narasu, "Invitro Evaluation of Antimicrobial Activity of the plant extracts of *Elytraria acaulis*", *Int. Journal of Engineering Research and Application*, Vol 7(1), pp.30-34, 2017.
- **Suresh Babu Bastipati**, Mangamoori Lakshmi Narasu, "Evaluation of Antioxidant Activity of *Elytraria acaulis* aerial extracts", *Int. Journal of Engineering Research and Application*, Vol 7(3), pp.55-59, 2017.
- P.S.Rao, Charvak.M, K.Geethanjali, **Suresh Babu Bastipati** & Rajitha. K, "Molecular Docking and Virtual Screening for novel protein tyrosine phosphate1B (PTP 1B) inhibitors" *Bioinformation*, Vol. 8(17), pp.834-837, 2012.

## Seminars/Workshops/Conferences

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- Organized 2 day work shop on **“Recent Trends in Optimization studies for Engineering Applications”** conducted by Jawaharlal Nehru Technological University Hyderabad, Hyderabad.
- Attended 3 day work shop on **“Objective Based Education (OBE)-NBA Workshop”** conducted by Jawaharlal Nehru Technological University Hyderabad, Hyderabad.
- Attended one day work shop on **“Emerging Trends in Patents IPR & Future Implications”** organized by CBT, IST, JNTUH, Hyderabad.
- Organized 3 day **“International Conference on Biotechnology & Bioengineering Trends (ICBT)”** conducted by Jawaharlal Nehru Technological University Hyderabad, Hyderabad.
- Organized 3 day work shop on **“National Seminar on 3D Structure Determination of Drug Molecule and Molecular modeling”** conducted by R.V.R & J.C. College of Engineering, Guntur.
- Attended 21 days **UGC ASC Sponsored Refresher Course** on **“Biotechnology & Bioinformatics”** conducted by UGC Academic Staff College, JNTUH, Hyderabad.
- Organized the workshop on **“Next Generation Sequencing & Drug Design”** in JNTUH, Hyderabad.
- Organized workshop on **“Enzyme Engineering & Technology”** in JNTUH, Hyderabad.
- Attended work shop on **“Frontiers in Bioinformatics”** by Dr.Lalitha Guru Prasad from Central University, Hyderabad.
- Attended International Conference on **“BIO ANDHRA”** with the support of Andhra Pradesh Government & JNTUK, Kakinada.

## REFERENCES

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Prof. M. Lakshmi Narasu,  
UGC BSR Faculty Fellow,  
CBT, JNTUH, Kukatpally,  
Hyderabad.

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Dr. D. Muralidhara Rao  
Assistant Professor,  
Srikrishna Devaraya University  
Ananthapur

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## Declaration:

I do here by declare that the above furnished information is true in best of my knowledge.

**(Suresh Babu B)**