

## CURRICULUM VITAE



**Name (in Block Letters)** : G. NEELIMA

**Date of Birth** : 13-02-1985

**Gender** : Female

**Marital Status** : Married

**Nationality** : Indian

**Category (tick the category)** : BC-B

**Place of work** : Hyderabad

**Department & College** : Department of Genetics and Biotechnology,  
University College for Women, Koti, Hyderabad

**Date of appointment** : August 2013

**Current Designation** : Part-time lecturer

**Address for correspondence (with Pin code):** H.No: 3-7-437/1, Plot No: 27/1,  
Cosmopolitan colony,  
Mansoorabad, L.B Nagar,  
Hyderabad - 500068.

**Permanent Address (with Pin code)** : H.No: 3-7-437/1, Plot No: 27/1,  
Cosmopolitan colony,  
Mansoorabad, L.B Nagar,  
Hyderabad - 500068.

Mobile No.....

Landline No. ....-.....

Email ID: [neelima.biotechnology@gmail.com](mailto:neelima.biotechnology@gmail.com); [neelimag@osmania.ac.in](mailto:neelimag@osmania.ac.in)

## Academic Qualifications

Examination	Subject	Name of the Board / University	Year of Passing	Percentage of marks obtained	Division / Class / Grade
Matriculation		Tamilnadu board	2001	91	First
Higher Secondary	Maths, Biology, Physics, Chemistry	Tamilnadu board	2003	92	First
Bachelor of Science	Genetics and Biotechnology	Osmania university	2006	80	First
Master of Science	Biotechnology	Osmania University	2008	76	First
Diploma	Bioinformatics	Bioinformatics Institute of India	2015	70	First
Ph.D. Course work	Biotechnology	Osmania University	2021	70	First
Other Qualifying exam	APSET-2012				

## Research Degree (s)

Degree	Title	Date and year of award	University
Doctor of Philosophy	Biochemical and Biophysical characterization of Infectious essential hypothetical protein (Rv3087) from <i>Mycobacterium tuberculosis</i>	Pursuing	Osmania university

## Appointments held prior to joining the Osmania University service

Designation	Name of the Employer	Date of	
		Joining	Leaving
Project assistant	Centre for DNA Finger printing and Diagnostics	September 2008	September 2010
Junior Lecturer	Gurukrupa Junior College	June 2011	April 2013

## Teaching experience

**P.G. level : 8 years**

**U.G. level : 8 years**

## Research Experience excluding years

**spent in pursuing M.Phil. / Ph. D : 2 years 6 months**

1. Project work done on “Preliminary studies on xylanase production by isolated fungal strains” at Indian Institute of Chemical Technology (IICT), Hyderabad during April-September 2007 as a part of MSc Dissertation
2. Worked on the project “Functional genomic analysis of *Candida glabrata* -macrophage interaction” at Centre for DNA Finger printing and Diagnostics (CDFD), Hyderabad during September 2008 - September 2010.

## Fields of Specialization under the Subject / Discipline:

Genetics, Molecular Biology, Biotechnology and Bioinformatics

## Orientation / Refresher Courses attended at Academic Staff Colleges

<b>Name of the Course / Summer School</b>	<b>Academic Staff College / University/Others</b>	<b>Duration</b>	<b>Sponsoring Agency</b>
<b>Faculty Development Programme</b> on “Molecular Biotechnology and Bioinformatics”	Indigenes’ Biotechnologies & University college for women, Koti, Hyd.	2 days (26 & 27 June 2014)	Indigenes’ Biotechnologies & University college for women, Koti, Hyd.
<b>Faculty Development Programme</b> on “Strategies for Transformation into an Effective Teacher”	Internal Quality Assurance Cell, University College for Women, Koti, Hyd.	One week (14 to 19 July 2021)	University College for Women, Koti, Hyd.

## Administrative Responsibilities held in the Department & Institution

Academic Year	Administrative Position Held
2018-2019	<b>Programme Coordinator for One day seminar</b> on 'Environmental Biotechnology- Sustainable approach to protect Nature' by Dept of Genetics and Biotechnology, UCW, Koti, Hyd. (15 Sept, 2018)
2019-2020	<b>Resource person for Four-day Faculty development workshop</b> titled 'Bioinformatic Tool' by Dept. of Genetics & Biotechnology in collaboration with ProBiotechnica, Hyd. (18 to 21 June, 2019)
2020-2021	<b>Program Coordinator for One day Online National seminar</b> on "Techniques in Molecular Biology: A Virtual Laboratory Insight" by Dept. of Genetics and Biotechnology, UCW, Koti. (12 August 2020)
2021-2022	<b>Program Coordinator for One day Online seminar</b> on "Integrated Approach in Science and Technology for a Sustainable Future" by Dept. of Genetics and Biotechnology, UCW, Koti. (28 February 2022)

## Paper Presentations in seminars, conferences

Academic Year	Title of the Paper presented	Name of the Event	Place
2008	Oral presentation: Xylanase production by isolated fungal strains	National Conference	Siddipet, Dist.Medak
2014	Oral presentation: Education in Bioinformatics an emerging domain of life sciences is a prerequisite for all biologists in post genomic era.	National seminar	Govt Degree college, Siddipet.
2020	Oral presentation: Biological evaluation and molecular docking studies of novel ethyl 3,5-dicyano-6-oxo-2,4-diarylpiperidine-3-carboxylate derivatives as antitubercular agents.	International e-conference	Osmania University, Hyderabad

## Short term training courses, talks, Guest lectures

Academic Year	Title	Place and date
2019-2020	Resource person for 4-Day workshop on "Bioinformatic tools"	University college for Women, Koti, Hyderabad. 18 <sup>th</sup> - 21 <sup>st</sup> June 2019

## Research papers (in UGC recognized and Peer reviewed Journals)

Year	Title of the Paper	Journal Name	ISSN No.
2012	Functional Genomic Analysis of <i>Candida glabrata</i> -Macrophage Interaction: Role of Chromatin Remodeling in Virulence.	PLoS Pathogens	August-2012 e1002863
2013	Establishment of an <i>invitro</i> system to study intracellular behavior of <i>Candida glabrata</i> in human THP-1 macrophages	Journal of visualized experiments	December-2013 e50625
2020	Green synthesis, antitubercular evaluation, and molecular docking studies of ethyl 3,5-dicyano-6-oxo-2,4-diarylpiperidine-3-carboxylate derivatives	Medicinal chemistry research	February-2020 1054-2523
2020	Synthesis, cytotoxicity, and molecular docking of substituted 3-(2-methylbenzofuran-3-yl)-5-(phenoxymethyl)-1,2,4-oxadiazoles.	Archiv der pharmazie	April-20 0365-6233
2020	Design and synthesis of novel 2-substituted -benzyl-5-(2-methyl benzofuran-3-yl)-2H-tetrazoles: anti-proliferative activity.	Russian Journal of Bioorganic Chemistry	September-2020 1068-1620

## Publications of articles in books, chapters in books

Year	Title of the Article/ Chapter	Title of the Book (editor name)	Publisher/Place	ISBN No.
2018	<i>Insilico</i> Characterization of Plant Secondary Metabolites	<i>Insilico</i> approach for Sustainable Agriculture	Springer Nature Singapore Pte Ltd	ISBN 978-981-13-0346-3

## Fellowships/Awards

Year	Fellowships/Awards from academic bodies / academic associations
2006	“Gregor Mendel Rolling Shield” and cash prize for securing highest marks in Genetics & Biotechnology in B.Sc.
2008	Second prize for oral presentation at National Conference “Herbo R&D-2008” conducted by Srikrupa institute of Pharmaceutical Sciences, Siddipet on 16-17 February, 2008.

**List of National/ International Conferences/ Workshops/ Seminars attended:**

S.No.	Conferences/ Seminars/ Workshops /Courses	Title	Year
1	One week faculty development program	Strategies for transformation into an effective teacher	14 <sup>th</sup> -19 <sup>th</sup> July 2021
2	One day webinar	Clinical Awareness and Biotechnological interventions to combat COVID-19	19 <sup>th</sup> June 2021
3	One day workshop	Cloning, purification of recombinant proteins	19 <sup>th</sup> March, 2021
4	International e-conference	Advances in Microbial biotechnology and biotherapeutics (AMTB-2020)	10 <sup>th</sup> -12 <sup>th</sup> Sep,2020
5	2-day seminar	International seminar on recent advances in emerging technologies and its impact on the biological sciences	23 <sup>rd</sup> & 24 <sup>th</sup> December 2019
6	3-Day workshop	Molecular modeling using open source software	29 <sup>th</sup> - 31 <sup>st</sup> October 2018
7	10-Day workshop	Developing English communication and writing skills	4 <sup>th</sup> - 14 <sup>th</sup> September 2018
8	2-Day National conference	"Molecular Insights in Genetics and Biotechnology" Emerging trends and future prospects	27 <sup>th</sup> - 28 <sup>th</sup> February 2017
9	3-Day National conference	National conference on bioinformatics drug discovery and microbial technology	22 <sup>nd</sup> -24 <sup>th</sup> December 2014
10	1-Day workshop	Computer Aided Drug Designing	18 <sup>th</sup> October 2014
11	2-day National Seminar	Recent Developments in Biological Sciences	22 <sup>nd</sup> - 23 <sup>rd</sup> August 2014
12	2-Day National Symposium	Current trends in biotechnology	7 <sup>th</sup> - 8 <sup>th</sup> December 2013
13	2-Day National Seminar	Retrospective of Nanocarriers epic in international archery	20 <sup>th</sup> - 21 <sup>st</sup> February 2013
14	3-Day International conference	Biology of yeasts and filamentous fungi	12 <sup>th</sup> - 14 <sup>th</sup> December 2009
15	2-Day National conference	Herbo- R&D' 2008	16 <sup>th</sup> & 17 <sup>th</sup> February 2008
16	2-Day National Conference	Popularisation of Science & Inculcation of Scientific Temper among people	12 <sup>th</sup> & 13 <sup>th</sup> February 2008
17	2-Day lecture workshop	BIO-LOGIKS	27 <sup>th</sup> & 28 <sup>th</sup> October 2006

**Date: 21-03-2022**

**Place: HYDERABAD**

**Signature**