

PROFORMA FOR BIO-DATA (to be uploaded)

1. Name and full correspondence address: Dr. Aparna Kopparapu, Scientist-B, Biotechnology Division, Central Sericultural Research and Training Institute, Chuapur, Berhampore-742101, West Bengal.
2. Email(s) and contact number(s): aparna.micro@gmail.com; 9302795569
3. Institution: Central Sericultural Research and Training Institute, Central Silk Board, Ministry of Textiles
4. Date of Birth: 06 Oct, 1983
5. Gender (M/F/D): F
6. Category Gen/SC/ST/OBC: Gen
7. Whether differently abled (Yes/No): No
8. Academic Qualification (Undergraduate Onwards)

Sl.No	Degree	Year	Subject	University/Institution	% of marks
1	B.Sc.	2004	Microbiology, Biochemistry, Chemistry	Sri Venkateswara University, Tirupati, AP	I class
2	M.Sc.	2006	Microbiology	Acharya Nagarjuna University, Guntur, AP	I class
3	Ph.D	2016	Biotechnology Work area: Microbial Biotechnology	Jawaharlal Nehru Technological University, Hyderabad, Telangana	I class

9. PhD thesis title, Guide's Name, Institute/Organization University, Year of Award:
PhD thesis title: Microbial Community Structure and Function in Soils under Different Management Systems
Guide's Name: Dr. D.L.N. Rao, Ex-Emeritus Scientist (retired), ICAR-IISS, Bhopal
University: Jawaharlal Nehru Technological University, Hyderabad, Telangana
Year of Award: 2016

10. Work experience (in chronological order).

S.No.	Positions held	Name of the Institute	From	To	Pay Scale
1	Lecturer	Dr.BGR Women's Academy, Nellore	2 August, 2006	23 March, 2007	Rs. 3000
2	Project Trainee	Jubilant Biosys Ltd., Bangalore	26 April, 2007	10 October, 2007	Rs. 4000
3	Junior Research Fellow	ICAR-IIHR, Bangalore	12 October, 2007	28 April, 2009	Rs. 12000+HRA
4	Senior Research Fellow	ICAR-IISS, Bhopal	2 May, 2009	27 January, 2017	Rs. 28000+HRA

5	Research Associate	ICAR-IISS, Bhopal	6 March, 2017	30 October, 2018	Rs. 48000+HRA
6	Scientist-B	CSB, Bangalore	1 November, 2018	Till date	Basic Pay: 56100 Level 10
		Posted to CSRTI Berhampore, WB	4 January		

11. Professional Recognition/ Award Prize Certificate, Fellowship received by the applicant.

Sl.No.	Name of Award	Awarding Agency	Year
1	CSIR-NET LS in Lifesciences	CSIR	2006
2	Best Poster Presentation	Indian Society of Soil Science (75 th Annual Convention)	2010
3	ICAR-NET in Agricultural Microbiology	ICAR	2013
4	Best Paper Presented	JNTU, Hyderabad (International conference on Biotechnology and Bioengineering-Trends)	2017

12. Publication (List of papers published in SCI Journals, in year wise descending order)

Sl.No.	Author(s)	Title	Name of Journal	Volume	Page	Year
1	Santosh Ranjan Mohanty, Rakhi Yadav, Garima Dubey, Usha Ahirwar, Neha Ahirwar, Aparna, K., Rao, D. L. N., and Bharati Kollah	How sequential reduction of terminal electron acceptors modulates nitrification and dynamics of nitrifying bacteria and archaea in a tropical vertisol	The Journal of Agricultural Science	156	215-224	2018
2	Aparna, K., & Rao, D. L. N.	Split-agar assay of antifungal soil microbial metabolites	Biocatalysis and Agricultural Biotechnology	6	184-188	2016
3	Aparna, K., Rao, D.L.N., Balachandar, D.	Microbial Populations, Activity and Gene Abundance in Tropical Vertisols under Intensive Chemical Farming	Pedosphere	26	725-732	2016
4	Malhotra, J., Aparna, K., Dua, A., Sangwan, N., Trimurtulu, N.,	Microbial and Genetic Ecology of Tropical Vertisols under Intensive Chemical Farming	Environmental Monitoring and Assessment	187	1-17	2015

	Rao, D.L.N., Lal, R.					
6	Aparna, K., Pasha, M.A., Rao, D.L.N., Krishnaraj, P.U.	Organic Amendments as Ecosystem Engineers: Microbial, Biochemical and Genomic Evidence of Soil Health Improvement in a Tropical Arid Zone Field Site	Ecological Engineering	71	268- 277	2014
	Aparna, K., Rao, D.L.N., Manna M.C.	Microbial Inoculation of Chickpea (<i>Cicer arietinum</i> L.) Enhances Rhizosphere Effects on Soil Biological Quality	Agrochimica	58	114- 125	2014

13. Detail of patents.

S.No	Patent Title	Name of Applicant(s)	Patent No.	Award Date	Agency/Country	Status
1	Novel resazurin reduction assay for estimating soil microbial activity	Dr. Aparna Kopparapu and Dr. Vankadara Sivaprasad				Applied

14. Books Reports Chapters/General articles etc.

S.No	Title	Author's Name	Publisher	Year of Publication
1	Role of Soil Enzymes in Sustainable Crop Production. In: Enzymes in Food Biotechnology	M.L. Dotaniya, K. Aparna, C.K. Dotaniya, Mahendra Singh, K.L. Regar	Elsevier	2018
2	Effect of Soil Pollution on Soil Microbial Diversity In Frontiers in Soil and Environmental Microbiology	M. L. Dotaniya, K. Aparna, Jairam Choudhary, C. K. Dotaniya, Praveen Solanki, Ekta Narwal, Kuldeep Kumar, R. K. Doutaniya, Roshan Lal, B. L. Meena, Manju Lata, Mahendra Singh and Udal Singh	CRC Press	2020

15. Any other Information (maximum 500 words)

Nil