



SAPTHAGIRI COLLEGE OF ENGINEERING

#14/5, Chikkasandra, Hesaraghatta Main Road, Bangalore-560057, Karnataka, India

DEPARTMENT OF BIOTECHNOLOGY

FACULTY PROFILE

Name of the faculty

Dr. Veena S. More

Designation

PROFESSOR & HEAD

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Educational Qualification

Degree	Specialization	University	Year of Passing
Ph.D	Biochemistry	Karnataka University, Dharwad	2004
M.Sc	Biochemistry	Karnataka University, Dharwad	1999
B.Sc	Physics, Chemistry, Mathematics	Karnataka University, Dharwad	1996

Work Experience

Teaching	Research	Industry
17	17	NIL

Publications

National/International Journals	National/International Conferences	Books Authored/Edited
26	-	-

Area of Interest

Biochemistry	Microbiology
Protein Chemistry	Molecular Biology
Immunology	
Environmental Biotechnology	

Membership in Professional Bodies/University Bodies/Organization

Society of Biological Chemists (SBC)

SBIT

Publications National/International Journals

1. **Veena B. Megadi**, Preeti N. Tallur, Sikander I. Mulla, Harichandra Ninnekar (2010) Bacterial Degradation of Fungicide Captan. *J. Agric. Food Chem.* 2010, 58(24), 12863-12868 (ACS Publications)
2. **Veena B. Megadi**, Preeti N. Tallur, Robert Cyril S. Hosakeri, Sikander I. Mulla, Harichandra Ninnekar (2010) Biodegradation of Pendimethalin by *Bacillus Circulans* sp. *Indian journal of Biotechnology*, Vol. 9, April 2010, pp 173-177. NISCAIR
3. P. N. Tallur, **V.B. Megadi**, H.Z. Ninnekar (2009) .Biodegradation of p-cresol by immobilized cells of *Bacillus sp.* Strain PHN-1, *Biodegradation* Vol. 20. No. 1, 79-83, DOI: 10.1007/s10532-008-9201-7 (Springer)
4. Preeti N. Tallur, **Veena B. Megadi**, Harichandra Ninnekar (2008). Biodegradation of cypermethrin by *Micrococcus sp.* Strain (PN), *Biodegradation*, Vol. 19(1), pp-77-82. (2008) (Springer)
5. Tallur P. N., **Megadi V.B.**, Ninnekar H.Z. (2006). Biodegradation of p-cresol by *Bacillus sp.* Strain PHN-1, *Current Microbiology* vol. 53(6), pp. 529-533. (Springer)
6. Sunil S. More, Renuka P.S, Pruthvi Kathavi, Swetha Murthy, Malini S and **Veena S.M.** (2011). Isolation, Purification and characterization of fungal laccase from *Pleurotus* Sp. *Enzyme Research*. Vol 2011(2011), article ID 248735, 10.4061/2011/248735. (Hindawi)
7. Sunil S. More, Kiran K.M **Veena B.M** and Gadag J.R. (2010). Purification and properties of L- amino acid oxidase from *Bungarus caeruleus* (Indian Krait) Venom. *The Journal of Venomous Animals and Toxins including tropical diseases* Vol. 16, pg no 60-75, (BMC)
8. P. N. Tallur, V. B. Megadi, S. I. Mulla and H.Z. Ninnekar (2009) Purification and characterization of 4-hydroxybenzoate-1-hydroxylase from *Bacillus sp.* Strain The Bioscan 4(2): 261-265, 2009
9. Manjunath G. Bhovi, Guru S. Gadaginamath and **Veena B. Megadi** (2004) Synthesis & antimicrobial activity of some new 1-substituted-2-methyl-3-ethoxycarbonyl-5-(1,2,3,4-oxadiazolyl)(1,3,5-triazinyl) methoxyindole, *Indian Journal of Heterocyclic Chemistry*, Vol. 14, pp. 07-10 (2004)
10. A. S. Vidya, **S.M. Veena**, Sunil S. More (2012). Isolation, purification and characterization of a novel CGTase from alkalophilic *Bacillus lehensis* SV1. *Biotechnology and Indian Journal* 6(7), 2012 [226-234] (2012)
11. Uday M. Muddapur, Rajani S. Bennur, **S.M. Veena**, Francois N. Niyonzima, Sunil S. More. Isolation and characterization of α -amylase from *Penicillium nigricans* *Biotechnology and Indian Journal* 7(3), 2013, 85-88. NISCAIR
12. Muddapur, U. M., Bennur, R. S., **Veena, S. M.**, Niyonzima, F. N., & More, S. S. (2015). Biotransformation of Δ^3 -carene by *Penicillium nigricans*. *J of scientific and Industrial research*. 74: 217-222.
13. **More, V. S.**, Tallur, P. N., Ninnekar, H. Z., Niyonzima, F. N., & More, S. S. (2015). Purification and properties of pendimethalin nitroreductase from *Bacillus circulans*. *Applied biochemistry and microbiology*. 51(3): 329-335.
14. **More, V.S.**, Tallur, P.N., Ninnekar, H.Z., Niyonzima, F. N., & More, S.S. (2015). Enhanced degradation of pendimethalin by immobilized cells of *Bacillus lehensis* XJU. *3 Biotech*. 5(6). 967-974.
15. **Veena S. More**, Preeti N. Tallur, H.Z. Ninnekar, Francois N and Sunil More. Enhanced degradation of Captan By immobilized cells of *Bacillus circulans*. *J of Micro. Biotech. food. science*. 2014 : 4 (2) 108-111. doi: 15414/jmbfs.2014.4.2.108-111
16. Tallur Preeti, Mulla Sikandar, **Megadi Veena**, Talwar, Manjunatha and Ninnekar, Harichandra . Biodegradation of cypermethrin by immobilized cells of *Micrococcus sp.* strain CPN 1. *Braz. J. Microbiol.* vol. 46 no. 3 São Paulo July/Sept. 2015
17. Bhavya, J., M. S. Vineetha, P. M. Sundaram, **S. M. Veena**, B. L. Dhananjaya & Sunil S. More. Low-molecular weight hyaluronidase from the venom of *Bungarus caeruleus* (Indian common krait) snake: Isolation and partial characterization

18. Bhavya, Niyonzima N. Francois, **S.M. Veena** and Sunil S. More. Scorpion Toxin Polypeptides as Therapeutic Agents: An Overview. *Protein & Peptide Letters*, 2016, 23, 1-12.
19. Shwetha V., Sunil S.M., Gautam S.A., Veena S.M., Anti-Snake venom potential of *Clerodendrum serratum* extracts on

Bangarus caeruleus and *Daboia russelii* venom, Bangladesh. *J Pharmacol* **2018**;13; ISSN:1991-0088 Lynette Lincoln, Veena S. More, Sunil S. More., Purification and biochemical characterization of extracellular glucoamylase from *Paenibacillus amylolyticus* strain J *Basic Microbiol.* 2019;1-10

20. Lynette Lincoln, Veena S. More, Sunil S. More., Isolation, screening and optimization of Extracellular glucoamylase from *Paenibacillus amylolyticus* strain NEO03. *Biocatalysis and Agricultural Biotechnology* 18 (2019): 101054

21. Synthetic gutomics: Deciphering the microbial code for futuristic diagnosis and personalized medicine. *Methods in Microbiology*, volume 46. Nanotechnology, Edited by Volker, Chapter 9, page no. 197-224 (2019)

Gurter, Andrew S Ball. Academic Press, An imprint of Elsevier. Pankaj Satapathy, Kounaina Khan, Aishwarya Tripurasundari Devi, Anirudh Gururaj Patil, Avinash Mirle Govindaraju, Shubha Gopal, Mysore Nagalingaswamy Nagendra Prasad, Veena Sunil More, Raghava Reddy Kakarla, Anjanapura V. Raghu, Shivaprasad Hudeda, Sunil Shivaji More, Farhan Zameer

23. Lynette Lincoln Veena S. More and Sunil S. More (2019). Purification and biochemical characterization of extracellular glucoamylase from *Paenibacillus amylolyticus* strain J *Basic Microbiol.* 2019;1-10. DOI: 10.1002/jobm.201800540

24. Lynette Lincoln, Veena S. More, Sunil S. More (2019) Isolation, screening and optimization of extracellular glucoamylase from *Paenibacillus amylolyticus* strain NEO03. *Biocatalysis and Agricultural Biotechnology* 18 (2019) 101054

25. Bhavya J, Vineetha M S, Veena S M, Govindappa M, Farhan Zameer and Sunil S More. (2019). *Bungarus Caeruleus* venom neutralization activity of *Azimatetracantha* Lam. Extract. *Heliyon*, 5(2019)e02163.

26. Shwetha V, S.M. Veena, M. Govindappa, Farhan Zameer, Niyonzima N and Sunil S More (2019) In Vitro Neutralization of Najanaja Venom Enzymes by Folk Medicinal Plant Extracts, *Journal of Biologically Active Products from Nature* 9 (4), 278-288

25. M.S Vineetha, J. Bhavya, S.M. Veena, Kiran K Mirajkar, Uday Muddapur, K.S Ananthraju, Farhan Zameer, Sunil More (2020). In vitro and in vivo inhibitory effects of *Tabernaemontana alternifolia* against *Naja naja* venom. *Saudi Pharmaceutical Journal*. Vol.28, 692-697 <https://doi.org/10.1016/j.jsps.2020.04.010>
26. Francois Niyongabo Niyonzima, S M Veena and Sunil S More (2020). N.K Arora et al (eds), *Microbial enzymes: Roles and Applications in Industries*, *Microorganisms for sustainability 11.*, Springer Nature Singapore. https://doi.org/10.1007/978-981-15-1710-5_5.
- 27 Pankaj Satapathy, Aishwarya S, Rashmi M Shetty, Akshaya Simha N, Dhanapal G, Aishwarya Shree R, Antara Biswas, Kounaina K, Anirudh G. Patil, Avinash MG, Aishwarya T Devi, Shubha Gopal, Nagendra Prasad MN, **Veena SM**, Hudeda SP, Muthuchelian K, Sunil S. More, Govindappa Melappa and Farhan Zameer, *Phyto-nano-antimicrobials: synthesis, characterization, Discovery, and advances* *Frontiers in Anti-Infective Drug Discovery*, 2020, Vol. 8, 1-00, Bentham Science Publishers
- 28 . Aejaz A. Khan, S. M. Shakeel Iqbal Ibrahim Ahmed Shaikh Francois Niyongabo Niyonzima **Veena S. More**, Uday M. Muddapur R. S. Bennur, Sunil S. More (2021) Biotransformation of Longifolene by *Penicillium europium*. *Biocatalysis and biotransformation*. Volume 39- Issue 1, Pages 41-47.
29. M.B. Lava a, Uday.M. Muddapur a, Nagaraj Basavegowda b, Sunil.S. More c, Veena S. More (2021) Characterization, anticancer, antibacterial, anti-diabetic and anti-inflammatory activities of green synthesized silver nanoparticles using *Justica wynaadensis* leaves extract, <https://doi.org/10.1016/j.matpr.2020.10.048>.
- 30., Veena S More, Sunil S More (2021) Large-scale production of enzymes for biotechnology uses. *Current opinion in Biotechnology*. Volume 69, June 2021, Pages 68-76.
31. Veena S. More, Allwin Ebinesar, A. Prakruthi, P. Praveen, Aneesa Fasim, Archana Rao, Farhan Zameer, S. Anantharaju, Sunil More (2021) *Microbial polymers, applications and Ecological Perspectives, Isolation and Purification of Microbial Exopolysaccharides and Their Industrial Application*, pp 69-86 https://doi.org/10.1007/978-981-16-0045-6_3
32. Allwin Ebinesar, Veena S. More, D. L. Ramya, G. R. Amrutha, Sunil S. More (2021) *Microbial polymers, Applications and Ecological Perspectives, Fungal Chitosan: The Importance and Beneficiation of this Biopolymer in Industrial and Agricultural Process*. pp 311-340. https://doi.org/10.1007/978-981-16-0045-6_14
33. Archana S Rao, Sidhartha Pratim Deka, Sunil S. More, Ajay Nair, Veena S More and K S **Anantharaju (2021) Microbial polymers, Applications and Ecological Perspectives, A comprehensive review on different microbial derived pigments and their multipurpose activities**, pp.479-519 DOI:[10.1007/978-981-16-0045-6_20](https://doi.org/10.1007/978-981-16-0045-6_20).
34. Archana S Rao, Ajay Nair, Sunil S. More, Arpita Roy, Veena S More and K S Anantharaju (2021) *Microbial polymers, Applications and Ecological Perspectives, A comparative study on biodegradable packaging materials: Current status and future prospects*, ISBN : 981-16- 0045-7
35. Anu Sharma, M. Muthupriya, Radharaman Raj, Zainah Shameen, Veena SM, Francois N. Niyonzima, Sunil S. More (2021) Properties of Laccase of *Bacillus marisflavi* Strain BB4 and its Synthetic Dyes Decolorization Analysis *Proceedings of the National Academy of Sciences, India Section B: Biological Sciences* volume 91, pages 477-485. https://doi.org/10.1007/978-981-16-0045-6_20
36. Shwetha Vasudev, Veena S. More, K.S. Anantharaju, Sunil S. More (2021) Potential of herbal cocktail of medicinal plant extracts against BIG FOUR snake venoms from India. *Journal of Ayurveda and Integrative Medicine* <https://doi.org/10.1016/j.jaim.2021.04.006>

National /International Conferences

1. **71st Annual Meeting, Society of Biological chemists,(SBC)** November 14-16, 2002. Organized by: Dept. of Biochemistry & Chemistry, Punjab Agricultural University, Ludhiana-141004.
2. **32nd Annual meeting of Mycological Society of India (MSI)** February 2-3rd 2006 Organised by Center for Post Graduate Studies ShriBhagawanMahaveer Jain College, affiliated to Bangalore, University, Bangalore (Karnataka)
3. **75th Annual meeting, Society of Biological Chemists India (SBCI)** December 8th-11, Organised by School of life sciences Jawaharlal Nehru University, New Delhi -110067
4. **77th Annual meeting Society of Biological chemists,(SBC)** November 18-22, 2008. Organized by: Dept of Biotechnology, IIT Madras Chennai India
5. **5th Bangalore Nano** organized by VGST, Govt of Karnataka, 5-7 Dec 2012, Bangalore 6th Annual KSTA Conference – 2013 State Level Conference on “ Science& Technology Challenges for promoting Innovative Research & Development” jointly organized by KSTA & Christ University during 20-21 December 2013 at Christ University, Bangalore.
6. National Conference on “ Recent Advances in Biosciences” Bioblooms 2014 organized by M.S. Ramaiah College of Arts, Science & Commerce, Bangalore on 28th March 2014.
7. National Conference on “Advances & Innovations in Biotechnology: Multidisciplinary Approaches to Food, Health, Environmental and Energy Issues organized by Dayanand Sagar University School of Basic and Applied Sciences & Dept. of Biotechnology, DSCE, Bangalore on Nov 15-16,2018.
8. National symposium on Environmental Pollution Prevention and Control: Future Perspective (EPPC: FP-2019) from 23rd to 25th August 2019 in National Institute of Technology, Surathkal, Department of Chemical Engineering.
9. **1st International conference on “Life, Chemical and Health Sciences “**held in Ramaiah College of Commerce Arts, and Science from 24th- 26th October, 2019.

Faculty Development Programme Participated

- FDP on “Application of Statistics for Academic Excellence using M.S. Excel” on 5th December 2013 at MSRCASC, Bangalore
- FDP on “PCR Techniques “organized by Dept. of Microbiology, MSRCASC, in association with Aristogene Biosciences Pvt. Ltd. Bangalore on 28th February, 2014
- Three days FDP on “Teacher Empowerment” in Saphagiri College of Engineering from 23rd to 25th August 2018.
- Seven Days Faculty Development Programme on “Recent advances in Nanotechnology for a Sustainable World- 2018” from 19th to 26th June, 2018 in Dayanand Sagar University, School of Basic and Applied Sciences & Dept. of Biotechnology, DSCE, Bangalore
- FDP on Trends in Computational Biology, Faculty Development Program (Virtual), 9th to 13th December 2020 by virtual mode.

Workshop Attended

- Workshop on “Sensitization of women scientists for career development”, August 4-5, 2003. Organized by: Central Sericultural Research & Training Institute, Mysore. Department of Science & Technology, Government of India
- UGC-SWRO Sponsored Bioinformatics Workshop, March 22-24, 2005. Organised by Maharani Lakshmi Ammanni College for Women, Bangalore
- National level workshop on „Revised Methodology 2012 in Assessment and Accreditation by NAAC“ sponsored by NAAC at MSRCASC on 16-04-13.
- Science Academies’s Lecture workshop on Biology 21st century, organized by SRN Adarsh College, Bangalore on 24th & 25th May 2021
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Funded Projects

KSCST: 42S_BE_3333: Anti-Krait Venom activity of folk medicinal plants, 2018-19:

Awards/Recognition/Achievement/Others

1. BOE member of VTU for AY: 2020-21
2. Reputed journals reviewer