

Name : Dr. Supriya Kore
Designation : Assistance Professor
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Academic Qualifications : Ph.D

Teaching Experience : 15 years

Research Interest : Natural Antimicrobials and Microbial Technologies

Awards and Fellowships : Senior Research fellow

Research Grants :

1. Dr. D. Y. Patil Vidyapeeth Pimpri, Pune March 2012-2015 “Investigation of chemical constituents and antibacterial activity of *Coriandrum sativum* seeds” of Rupees 2,00,000/-.
2. Dr. D. Y. Patil Vidyapeeth Pimpri, Pune March 2015-2018 “Evaluation of antimicrobial agents as food preservatives and treatment of food born diseases” of Rupees 1,80,000/-.

Trainings /Workshops/ Seminars/ Conferences:

1. Neelu Nawani, Akshyake Binayske, Rupali Aursang, Sadiya Nagi, **Supriya Kore**, Amol Raut, Sofiane Ghorbel, Noomen Hmidet and Madhukar Khetmalas, “Studies on actinomycetes from selected arid regions of India, 25eme forum International des Sciences Biologiques et de Biotechnologie, 25-27 March 201, Hammamet, Tunisia.
2. Sasmita Nath, Disha Patel, Madhukar Khetmalas, **Supriya Kore** Isolation of endophytic bacterial cultures from different medicinal plant parts and their antimicrobial potential International conference on advances in Biotechnology and Bioinformatics 2013 November 25th-27 2013 Pune
3. Akshay Binayak, **Supriya Kore**, Sofiane Ghorbel, Noomen Hmidet, Madhukar Khetmalas, Neelu Nawani Isolation of Actinomycetes sp. From arid and semi arid habitat International conference on advances in Biotechnology and Bioinformatics 2013 November 25th-27 2013 Pune

4. Sumi Sarkar, Ashwini Tare, **Supriya Kore** Screening of antibacterial, antioxidant and chelating activity of seven different plant extracts International conference on advances in Biotechnology and Bioinformatics 2013 November 25th-27 2013 Pune
5. Glen D'Souza, Rupali Parmanand **Supriya Kore** and Madhukar Khetmalas. Studies on antimicrobial proteins/peptides in disinfection of water. Recent Trends in Emerging Infectious Diseases and Environmental Pollution. January 2013 Solapur.
6. Mayuri Kulkarni, Ashwini Tare, **Supriya Kore** and Madhukar Khetmalas. Biological control of Mosquito by using novel insecticidal bacterial species. Recent Trends in Emerging Infectious Diseases and Environmental Pollution. January 2013 Solapur.
7. Kartik Sachdeva, Abhiram Gokhale, Ashlesha Sangmuley, **Supriya Kore** and Madhukar Khetmalas. Evaluation of the Antimicrobial potential of *Emblica officinalis* against clinical isolates. 4th Indian Youth Science Congress November 9-11, 2012 Nagpur.
8. Delegates "**Indo-US Education Conclave**" Dec 5th-7th, 2011, Hotel Westin.
9. Abhiram Gokhale, Mihir Khapli & **Supriya Kore** Studies on the antibacterial activity of the endophytic actinomycetes isolated from different parts of *Solanum lycopersium* 3 rd Indian Youth Science Congress November 3-5 2011 NASC Complex New Delhi
10. Delegate **Biotech Prospects** 17th Sept 2011 MITCON Institute of Management, Pune
11. Himanshu Kathpal, **Supriya Kore**, M. B. Khetmalas Antimicrobial potential of Triphala: An ayurvedic formulation National Seminar on Frontiers in Biotechnology and Bioinformatics, DYPBBI 12th Feb 2011- Pune
12. H.M. Panda and **Supriya Kore** Antimicrobial activity of protein of *Moringa oleifera* and *Raphanus sativus* National Seminar on Frontiers in Biotechnology and Bioinformatics, DYPBBI 12th Feb 2011 Pune
13. N. R. Shelke, P. P. Desai, **Supriya Kore** and M. B. Khetmalas Screening of antibacterial activity of twelve plants against human drug resistant pathogens National Seminar on Frontiers in Biotechnology and Bioinformatics, DYPBBI 12th Feb 2011 Pune
14. Presented poster in International workshop on Rhizosphere Biology of Agriculture, Horticulture & Forestry: Present & Future (February 25-27, 2010) *Organized by* G. B. Pant University of Agriculture & Technology at G. B. Pant University of Agriculture & Technology, Pantnagar. **Assessment of rhizoplane and endorhizosphere bacterial communities from *Sorghum bicolor* and their influence on seedling growth.**
15. Nilesh Gawade, **Supriya Kore**, Rachana Pandey, K.V. Swamy, Madhukar Khetmalas gPoster in International Conference on Emerging Trends in Biotechnology & 6th Annual Convention of the Biotech Research Society, India December 4-6 2009. Organized by Banaras Hindu University, Varanasi. **Detection and molecular modeling of antimicrobial activity of *Coriandrum sativum* CCl₄ Seed extract against drug resistant human bacterial pathogens.**

16. Deputed by Dayanand Science College to participate in seminar on **Indian medicinal plants update 2000** organized by Marathwada Development Board, Aurangabad (23rd – 24th Sept. 2000) at Latur.
17. Presented a paper in 3rd International / 15th National symposium on Recent Trends in Life Science held at Bangalore University, Bangalore (11th – 13th Feb. 1999) **Antimicrobial effect of fraction extracted from algae *Sargassum Cinereum* on human pathogen.**
18. Presented a paper in UGC Sponsored state level symposium on “Assessment of environmental pollution due to industrialization and urbanization” Vasundhara 2000 (10th – 11th Feb. 2001) held at Latur.” **Observation on Hemophilic bacteria isolated from salted fish.**
19. Presented paper in seminar on Indian medicinal plants update 2000 organized by Marathwada Development Board, Aurangabad (23rd –24th Sept. 2000) at Latur. **Antimicrobials from natural researches.**
20. Participated in Sixty-sixty **Annual Session of the National Academy of Science, India (31st Oct – 2nd Nov. 1996)** held at Dr. B.A.M. University, Aurangabad.
21. Presented a paper in National Seminar of Biotechnology for Rural and Industrial Development held at Gulberga University, Gulberga (11th – 23rd Dec, 1995) **Studies on Production of alpha - Amylase using *Bacillus steriothermophilus*.**

Publications

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1. Meena U. Patil, M.K. Kulkarni and **Supriya Nakade** Mineral Biocomposition of Marine algae and their possible utilization (2000) *Dr. B.A.M.U. Journal of Science* Vol. No. XXX
2. Patil M. U. Kulkarni, M.K. **Supriya Nakade** and Karuna Rao (1998) Algal Biocomposition and their possible utilization *Jr. of Aquatic Biology* Vol 13 (1 and 2) **ISSN: 0971-4235**
3. Nilesh Gawade, **Supriya Kore**, Rachna Pandey and Madhukar B. Khetmalas (2010). Antibacterial Activity of *Coriandrum sativum* (seeds) Against Drug Resistant Human Pathogenic Bacteria. *Herbal Tech Industry Journal*: 6(1):19-23 **ISSN:0974-6153**
4. K. Venkateswara Swamy, **Supriya Kore**, Rachna Pandey, Madhukar Khetmalas (2011) Extraction, Isolation, Molecular Modeling and Optimization of Antimicrobial Agents from *Coriandrum sativum* *Curr. Trends in Biotechnology and Pharmacy*.5(1)1038–1042 **ISSN:0973-8919**
5. **Supriya Kore***, Kartik Sachdeva, Hemanshu Katpal, Neelam Shelke and Madhukar Khetmalas, Evaluation of the antimicrobial potential of *Embllica officinalis* against clinical isolates. *Trends in life Sciences* Vol 3-2: 2014 **ISSN: 2319-4731**



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6. **Supriya Kore** Book Chapter in Springer Publication “**Microbial Biotransformation of arsenic in environment** (Will be published in December 2015).