

FACULTY PROFILE

Name : **Dr. K. SUBHA RAJAM**
Qualification : M.Sc., M.Phil., Ph.D.
Designation : Assistant Professor
Department of Microbiology
Years of Experience : **UG** : 7 **PG** 01
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Areas of

Specialization : Medical Microbiology, Food Microbiology and Nanotechnology

Publications

1. K. Subha Rajam, Mary Esther Rani, R.Gunaseeli and M. Hussain Munavar. Characterisation and Antibacterial Activity of Silver Nanoparticles Synthesized by *Aspergillus Sp.* International Journal of Pharma and Bio Sciences, 4(3), 748-757, ISSN 0975-6299
2. K. Subha Rajam, Mary Esther Rani, R.Gunaseeli and M.Hussain Munavar. "Extracellular synthesis of silver nanoparticles by the fungus *Emericella nidulans* EV4 and its application" Indian Journal of Experimental Biology, 55, 262-265.,2015, ISSN No. 0975-1009
3. N. Vinod Kumar, K. Subha Rajam, Mary Esther Rani, Fenugreek Extract Mediated Synthesis of Silver Nanoparticles: Photocatalytic Degradation of Synthetic Dyes. Teresian International Journal of Chemical Sciences, 1(2)2020,

Presentations

1. Presented a paper "Ecofriendly synthesis of silver nanoparticles for dye degradation" in International conference on science, society and sustainability "Many Species One Planet for Biodiversity" on January 11-13, 2012 organized by Lady Doak College, Madurai, Tamil Nadu
2. Presented a paper "Biosynthesis of gold nanoparticles using *Emericella nidulans* EV4 and their application as antibacterial agent" in International conference on Nanobio, Biommetric materials and its applications (ICNBM-2014), Biosummit – 2014, on February 27 & 28,

2014 organized by Hindusthan Institute of Technology & College of Arts and Science, Coimbatore, Tamil Nadu, India

3. Presented a paper “Gold nanoparticle synthesis using *Acinetobacter baumannii* S4 and its application as an antibacterial agent” in National Conference on Application of Biomaterials and Nanomaterials in Biomedical Engineering, Sponsored by Department of Biotechnology, Govt. of India, held on 13th and 14th March 2014 organized by Department of Biotechnology & Biomedical Engineering, Karpaga Vinayaga College of Engineering and Technology.

Conferences/Workshops/Seminar/Webinars Participated

1. Participated in “A 16 –day International Online Faculty Development Program on Teaching, Learning and Assessing in 2030”, June 6-23,2023, organized by Department of Physics , SRM Institute of Science and Technology , Chennai
2. Participated in 4 weeks Faculty Development Programme on “Microbiology Laboratory Techniques” conducted by Department of Microbiology, Sacred Heart College (Autonomous), Tirupattur in collaboration with Rio de Janeiro State University, Brazil during 4th September 2023 to 3rd October 2023.
3. Participated in “A 16 hours Online certificate course on Bioinformatics: Its applications in life sciences” organized by Microbiologist society , India on May 2023
4. Participated in “World Rabies Day Awareness Programme- Rabies : Facts, not fear organized by PG and Research Department of Biotechnology, Srimad Andavan Arts and Science College (Autonomous), Tiruchirappalli and Pasteur Institute of India, Coonoor on 28th September 2021.
5. Participated in the Webinar on “Covid-19 Vaccines in India” organized by Department of Biotechnology, SRM Arts and Science College, Kattankulathur on 27th February 2021
6. Participated in FDP on “Mendeley Reference Manager” on 4th and 5th May 2020 at Bhaktavatsalam Memorial College For Women, Chennai.
7. Participated in the Webinar on” Bacterial Virulence: Perceptive and Pragmatic approach” organized by Department of Microbiology , Indian Academy Degree College- Autonomoues, Bangalore on 5th May 2020
8. Participated in National Webinar on “Skillset for Effective Classroom Teaching” on 23rd May 2020 at R.M.K Engineering College, Chennai

9. Participated in online webinar on “Teaching, Learning Process and Blooms Taxonomy” organized by Bhaktavatsalam Memorial College for Women, Chennai on 23rd May 2020
10. Participated in National webinar on “Relationship Enhancement “ on 27th May 2020 at Bhaktavatsalam Memorial College For Women, Chennai.
11. Participated in National webinar on “Challenges and Coping skills of “Teachers in bringing Quality Online Learning” on 10th JUNE 2020, St. Thomas College of Arts and Science, Chennai.
12. Participated in International Webinar on “The Trinity of COVID-19: Immunity, Implications and Interventions” 4th – 6th June 2020 , Dr. MGR – Janaki College Of Arts And Science For Women
13. Participated in National webinar on “Bioprospecting of Medicinal Plants: Challenges and Opportunities” 3rd June 2020, organized by V.O.Chidambaram College, Thoothukudi
14. Participated in “Enhancing the Resilience of Teachers for Better Performance” on 12th SEP 2020, Bhaktavatsalam Memorial College For Women, Chennai
15. Participated in one day Faculty Development Programme on “Digital learning and Quality” sponsored by UGC Autonomy Grant held on 11th March 2017 at Sourashtra College, Madurai.
16. Participated in the Two day workshop on “Scanning probe Microscopy and High Resolution Transmission Electron Microscopy” held on 23rd and 24th January, 2015, organised by Nanotech Research Innovation and Incubation Centre, PSG Institute of Advanced Studies, Coimbatore.
17. Participated in “Awareness Workshop on Intellectual Property Rights (IPR)” on 8th February 2011 held at Lady Doak College.
18. Participated in National conference on Recent Advances in Nanotechnology and biosensors (NCNB 2011), on March 3rd & 4th 2011 organized by Department of Bioelectronics and Biosensors, Alagappa University, Karaikudi.
19. Participated in International Conference on Genomic Sciences, on November 12-14, 2010 organised by School of Biological Sciences, Madurai Kamaraj University, Madurai

Membership

Annual member of Microbiologist society of India, (Reg. No. MAHA/4814/SAT)