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Name: Dr J. Neena Priya
Designation: Assistant Professor
Education:

- **B.Sc.** Plant Biology and Plant Biotechnology, Stella Maris College (Autonomous), University of Madras, 2005.
- **M.Sc.** Applied Microbiology, Valliammal College for Women, University of Madras, 2007
- **M.Phil** (Microbiology), PRIST University, 2009.
- **Ph.D.** – Bharathiar University, 2019.
- **SET** in Life Science, 2017.

Teaching Microbiology for undergraduate and postgraduate students since 2007. Experienced in handling papers - Microbial technology, Industrial microbiology, Pharmaceutical Microbiology and Bioinformatics. Guided more than 18 postgraduate students in Research projects. Current research interests include Geomicrobiology, Environmental Microbiology, and Food Microbiology.

<https://vidwan.inflibnet.ac.in/profile/344425>

Complete CV

1. Name: Dr J. Neena Priya
2. Education: B.Sc., M.Sc., M.Phil., Ph.D.
3. Publications:
 - **Neena Priya. J,** Nithyakalyani. V. "Enterobacter cloacae subsp. Dissolvens Strain TJ1812 in Acrylamide Biodegradation" *International Journal of Engineering Applied Sciences and Technology*, November 2020, 5(7): 255-261.
 - **Neena Priya. J,** Nithyakalyani. V. "Growth Medium Optimization for Calcite Precipitation using Response Surface Methodology" *International Journal of Engineering Applied Sciences and Technology*, November 2019, 4(7): 245-251.
 - **Neena Priya. J.,** Kannan. M. "Effect of Carbonic Anhydrase and Urease on Bacterial Calcium Carbonate Precipitation" *International Journal of Pharma and Biosciences*, July 2017, 8(3): (B) 609-614.
 - **Neena Priya. J.,** Kannan. M., P. Priyanka., S. Vergin Mary. "A Study on Characterization of EPS and Media Optimization for Bacterial Calcium Carbonate Precipitation" *International Journal of Current Microbiology and Applied Sciences*, April 2016, 5(4): 590-595.
 - **Neena Priya. J.,** Kannan. M., Shahanaz begum, S. Chitra. "Detection of Calcium Carbonate Precipitation by Soil Bacteria and its Infrared Spectroscopic Analysis" *Asian Journal of Multidisciplinary Studies*, November 2015, 3(11): 183-189.

Highlights

Featured Publication:

<https://drive.google.com/file/d/1qb2am-Wm5JoLJlVyb9DUmgowtlnna/viiew?usp=sharing>

Positions:

Coordinator, PG Journal Club

International

Visits:

Conference - Cancer Nanotechnology, Georgia Tech-Institute, Atlanta, Georgia, USA.

- Nithyakalyani. V, **Neena Priya. J.** “Heavy Metal Tolerance of Indigenous Microsymbionts of *Arachis hypogaea*” *International Journal of Engineering Applied Sciences and Technology*, November 2019, 4(7): 136-143.
 - Nithyakalyani. V, **Neena Priya. J.** “In Vitro Screening of Indigenous *Rhizobium* Isolates of *Arachis hypogaea* for Specific Plant Growth Promoting Physiological Traits” *International Journal of Engineering Applied Sciences and Technology*, October 2020, 5(6): 274-287.
4. Research Interests (Specialisations):
Geomicrobiology, Environmental Microbiology, Bioinformatics, Food Microbiology.
 5. Courses taught (UG & PG for the past 5 years):
UG: Industrial Microbiology, Pharmaceutical Microbiology, Recombinant DNA technology
PG: Microbial Technology, Entrepreneurship in Microbiology, Bioinformatics, Fundamentals of Microbiology.
 6. Awards:
Dhronachariya Award, District Rotaract Council 3230 Rotary Club of Madras Coromandel, Chennai 2013.
 7. Presentations:
 - Screening of Study-specific Characteristics for Calcite Forming Bacteria” *International Conference*, Tagore College, Chennai. 2018.
 - “Biomining by Certain Soil Bacteria – in Vitro Study”, 12th National Conference of Indian Association of Applied Microbiologists (IAAM) Dr. MGR Janaki College of Arts and Science for Women, Chennai. 2014.
 8. Member in UG central valuation board at the University of Madras.
 9. Administrative Positions:
Coordinator, PG Journal Club.