

ZEENAT AFREEN

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e Bangalore

SUMMARY

Enthusiastic and adaptable biotechnology student pursuing a Master's degree with a strong desire to become a successful researcher. Highly motivated, quick learner, and actively engaged in academic and extracurricular activities.

SKILLS

Bioinformatics Animal cell culture Computer Aided Drug Designing In-vitro Cell Handling Animal handling

Zoom MS Teams MS Excel Google meet

PUBLICATIONS

“Nanotechnology Advancements in Food Production and Packaging” (in communication)

Usha T, Hemavathi KN, **Afreen Z**, Middha SK(2023)

PROJECTS

Evolving Biowaste into Biobattery - An Approach to Find a Novel Organic Electrode

Funding Agency: KSCST-SPP, Govt of Karnataka

Funding Received: Rs. 8000/- **Duration:** 3 months

Mentor: Dr. Sushil Kumar Middha & Usha T, Department of Biotechnology & Biochemistry

Antioxidant and Anti-Inflammatory Activities of Pomegranate Peel (Ongoing)

Guide: Dr. Sushil Kumar Middha, Department of Biotechnology, mLAC

Isolation of phenolic compounds from methanolic extract of Moringa oliefera and screening for its anti-inflammatory activity (Ongoing)

Funding Agency: M-ROOTS: Student Project Programme: 1st 2023-2024, mLAC, Bengaluru

Guide: Mrs. Usha Talambedu, Department of Biochemistry, mLAC

COURSES & CERTIFICATES

Downstream Processing Technology
(August 28th -September 1st, 2023)

Biozeen, Bangalore

Animal handling (March 2023-August 2023)

Maharani Lakshmi Ammanni College for Women Autonomous, Bangalore

Computer Aided Drug Designing

Makeintern zonal championship and E-cell IIT Kharakpur

EDUCATION

Master of Science in Biotechnology

Maharani Lakshmi Ammanni College for Women Autonomous, Bangalore

2022 - Present

Bachelor of Science in Biotechnology, Chemistry, and Zoology

Maharani Lakshmi Ammanni College for Women Autonomous, Bangalore

2019 - 2022

CONFERENCES AND WORKSHOPS

Poster presentation titled "Revisiting our Ancient Wisdom of Ethnobotanical Exploration on Inflammation"

Bengaluru Tech Summit, Bangalore Palace, Bengaluru

📅 11/2023 - 12/2023

Paper presentation titled "Environmental exposure to man-made electromagnetic fields and its biological effects"

National Symposium on "Innovations in Science: A Showcase of Poster and Model Excellence", MS Ramaiah College of Arts, Science, and Commerce, Bengaluru

📅 07/2023

Paper presentation titled "Impact of environmental pollutants and changing lifestyle on reproduction"

National Conference on "Environmental Sustainability: New Perspective and Paradigms", mLAC, Bengaluru

📅 06/2023

Poster presentation titled "Environmental exposure to man-made electromagnetic fields and its biological effects"

National Conference on "Environmental Sustainability: New Perspective and Paradigms", mLAC, Bengaluru

📅 06/2023

Genomics India Conference

NIMHANS Convention Centre, Bengaluru

📅 02/2023