

Name: Ms. A. Zibia Kasturi Gratia

Designation: Assistant Professor

Department: Bio-Technology

Date of Joining: 22-09-2023

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Educational Qualification:

Degree	Stream	College /University&Place	Year Completed
M. Tech	Biotechnology	Kamaraj College of Engineering and Technology (Anna University) Virudhunagar	2021-2023
B. Tech	Biotechnology	Karunya University Coimbatore	2013-2017

Specialization in Teaching: Bioinformatics, Genetic Engineering, Enzyme Technology, Bio-Industrial Entrepreneurship, Microbiology.

Specialization in Research: Bioinformatics, Chemical Engineering, Environmental Biotechnology.

Research Interests: Bio-engineering

Other Work Experience

Designation	Institution/ Company	Year (month/year) - From To(mon th/year)
Assistant Professor	Dept of Biotechnology, The American College (Satellite Campus), Madurai	19 – 06 – 2024 to till
Assistant Professor	Dept of Food Science & Nutrition, The American College, Madurai	22 – 09 – 2023 to 15 – 06 - 2024
Lecturer	Dept of Industrial Biotechnology, The American College, Madurai	4 months September 2023

Publications:

SINo	Authors	Publication	Journal	Impact Factor
1.	Zibia Kasturi Gratia , Raju Nandhakumar, Biswanath Mahanty, Sevanan Murugan, Palanimuthu Muthusamy & Kanivebagilu Shankarnarayana Vinayak(2021).	Biosorption of Nickel from Metal Finishing Effluent Using Lichen <i>Parmotrema tinctorum</i> Biomass	<i>Water, Air, & Soil Pollution</i> , 232, Springer . Article number: 478 (2021)	3.591
2.	S. Priyadharshini, Zibia Kasturi Gratia.A , Sarvesh Swaroop Shankar.S, Davamani Christober. M (2021)	Production and Characterization of Exopolysaccharide Extracted from Bacteria Isolated in Homemade and Packed Idli Batter.	<i>International Journal for Research in Applied Science & Engineering Technology</i> (iJRASET) June 2021, Volume 9, Issue 6.	
3.	A Zibia Kasturi Gratia, S Priyadharshini, Savariroyan Stephen Rajkumar Inbanathan, S Ragavarshini, Hassan Fouad,	Isolation and Characterization of a Novel Crystalline Pigment as a Natural Colorant	<i>Science of Advanced Materials</i> , March 2024, American Scientific Publishers ,	1.8

Mohamed H Mahmoud		Volume 16, Issue 3	
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Papers in referred Journals

- S.Priyadharshini, M. Sri Aravind Lal, A. Zibia Kasturi Gratia, M.Davamani Christober
PRODUCTION AND CHARACTERIZATION OF YELLOW PIGMENT FROM POMEGRANATE AND ITS APPLICATION. *Journal of Emerging Technologies and Innovative Research (JETIR)* May 2021, Volume 8, Issue 5.

Papers Presented in the Conference

Organizing Institutes	Conference	Paper/Poster Topic	Date
The American College, Madurai	International Conference on Innovative Approaches in Lifesciences – ICIALS 23	“Enhancement of nutrient content n ready to eat snack by the addition of spirulina”	March 3&4 2023
The American College, Madurai	International Conference on Novel Paradigms in Microbiology for Sustainable Future	Extracellular Production of Xylanase Using <i>Bacillus pumilus</i> ACFSN-31 under Sub-Merged Fermentation Through Statistical Optimization Technique	Nov 11-12, 2022
Paavai Engineering College, Nammakal	International Conference on Adaptive Technologies for sustainable Growth – ICATS 2023	Development of edible flakes using phycocyanin extract obtained from spirulina	March 12&13 2023

Workshops

1. WORKSHOP ON “LABORATORY TECHNIQUES IN BIOTECHNOLOGY”
2. Workshop on MUSHROOM CULTIVATION organized by department of Bio-technology.
3. Certificate Programme on Characterization Techniques in Instruments held in Center for Research in NANOTECHNOLOGY.
4. Participated in Bioinformatics tools Workshop
5. Participated in 2 days FDP on Critical & Creative Thinking Skills on 5th & 6th August 2024.

Resource Person

1. Delivered invited lecture at the department of Biochemistry on 6th July 2023.

GENBANK–NCBIPUBLICATIONS

S.No	Accessionnumber	Date
1	OK061187.1- <i>Bacillus altitudinis</i>	13-Sep-2021
2	OK157432.1- <i>Pseudomona sputida</i>	16-Sep-2021
3	MW980175.1- <i>Micrococcus yunnanensis</i>	19-Apr- 2021

Awards/Fellowships:

1. **Best Paper award** received in International Conference on Innovative Approaches in Life sciences – ICIALS 23.
2. **Best Project award** received at Kamaraj College of Engineering and Technology'23.

Tools Proficiency:

1. Oral and Written Communication Tools: Microsoft Word, Excel and PowerPoint, LaTeX, Origin Pro8,
2. Programming Languages: PYTHON
3. Statistical Tools: SPSS, Design-Expert. Auto Dock.

Personal Information:

Date of Birth: 17-07-1996

Gender: Female

Marital Status: Single

Nationality: Indian

Languages: Tamil, English

REFERENCE:

Dr. S. Murugan

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