

Name : Ms. Kavya R
Staff ID : RCAS04120
Designation : Assistant Professor
Department : Microbiology
Experience : Teaching - 2years 3 months & Microbiologist - 6 months
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ACADEMICS

Degree	Branch	Institution / University	Year of Completion
M.Sc	Microbiology	Gandhigram Deemed to be University, Dindigul, Tamil Nadu	2021
B.Sc	Microbiology	Sree Narayana College, Alathur, Palakkad, Kerala (university of Calicut)	2019

RESEARCH AND PUBLICATIONS

SEED MONEY

Title	Institution	Amount	Year	Status
Effect of <i>Jatropha multifida</i> latex bandage on wound healing of traumatic wounds in mice model	Rathinam College of Arts and Science	50,000/-	2023-24	Completed

Journal Publications

- Kavya R**, Hridhya KV, Rajalakshmi M, Kowsik S, Bharathi V, Suresh SN, Srinivasan P, Extraction of Flavouring Compound from Actinomycetes” - Chelonian Conservation and Biology. Vol. 18 No. 2 (2023) | <https://www.acgpublishing.com/> | ISSN - 1071-8443 DOI: doi.org/10.18011/2023.12(2).2227.2233. 1
- Hridhya KV, Srinivasan P, Rajalakshmi M, Dharshini K, **Kavya R**, Suresh S N, Bharathi V, Dhivya Dharshini S, 2024. Histopathological Analysis of Daneio Rerio Fed with Artemia Nauplii Bio Enriched with *Streptomyces coelicolor* AP-09 Secondary Metabolite. The Bioscan, 19(2), 55–57.

Book Chapters:

- Kavya R**, Hridhya K V, Rajalakshmi M, Abarna K, Srinivasan P, Suresh S N, 2023, Synthetic Biology and Microbes, Recent Developments in Basic and Applied Sciences, Pg. No: 211-220.

2. KV Hridhya, P. Srinivasan, M. Kulandhaivel, M. Rajalakshmi, **R Kavya**, 2024, Ethnopharmacology: Bridging Traditional Knowledge with Modern Medicine, Medicinal Phytochemicals: Exploring Nature's Pharmacy, Pg. No: 18-32
3. K.V. Hridhya and **R. Kavya**, 2025, Biomining: Extracting Resources from the Earth with Microbes, Innovating Tomorrow: Biotechnology and Biosciences Role in Shaping the Future (Volume 2), Pg. No: 78-89
4. **Kavya R** and Hridhya K V, 2025, Extremophiles: Life at the edge of possibility, Innovating Tomorrow: Biotechnology and Biosciences Role in Shaping the Future (Volume 1), Pg: 262-282

Books:

1. K.V. Hridhya, **R. Kavya**, 2024, S.N. Suresh, Textbook of Medical Microbiology, Saliha Publications, ISBN Number: 978-93-94198-59-3.
2. **Ms. R. Kavya**, Dr. S. Barathkumar, Dr. S. Sowmiya, Dr. A.Mahendiran, An Introduction to Nanoscience and Nanotechnology, Agar Publications, ISBN Number: 978-93-91387-68-6

Proceedings

1. **R.Kavya*** and K.V.Hridhya , Maya R, Isolation and identification of multidrug resistant pathogen from chicken sample and remedial measures, 2 days International conference, Lincoln University, Malaysia; CIIT Publication; on 21.04.2025 & 22.04.2025.
2. M.Kanishka , **R. Kavya** and P. Srinivasan; Characterization of multidrug-resistant microorganisms in waste: environmental and public health implications. National Conference on Strategies to Combat the Menace of Multidrug Resistant (Mdr) Pathogens (Ncmdr-2025) 7th & 8th March, 2025; Karpagam Academy of Higher Education; Pg: 30.
3. D.Sabthasri **R. Kavya** and P. Srinivasan; Isolation and analysis of multidrug-resistant bacteria in waste: public health and environmental impacts; National Conference on Strategies to Combat the Menace of Multidrug Resistant (Mdr) Pathogens (Ncmdr-2025) 7th & 8th March, Karpagam Academy of Higher Education; Pg: 33.
4. Srinivasan. P, Hridhya. KV, **Kavya. R**, Rajalakshmi. M, Shalini. SJ and Meenatchi. B A “Bioprospective Insight into Poly Herbal Handwash Infused with Indigenous Medicinal Flora: Evaluation and Analysis”, Artificial Intelligence in Science, Technology, Commerce, Management, Healthcare and Education, CIIT Publication, May 2024, ISSN Number: 9789361261909
5. Rajalakshmi. M, Srinivasan. P, Hridhya. KV and **Kavya. R**, Mohammed Suhail A and Elackiya R, “Formulation of An Effective Microbial Consortium to Accelerate the Organic Waste Composting Process”, Artificial Intelligence in Science, Technology, Commerce, Management, Healthcare and Education, May 2024 CIIT Publication ISSN Number: 9789361261909

6. **Kavya R**, Hridhya K V, Rajalakshmi M, Abarna K, Srinivasan P* - “Exploring the Role of Artificial Intelligence in Food Microbiology: Transforming Safety and Quality Assurance”, Two days International Conference on 'Recent Trends in Inter-Disciplinary Innovations Bridging Computer Science and Life Sciences (RTIICSM-2024) on 27.03.2024 &28.03.2024
7. **Kavya R**, Hridhya K V, Rajalakshmi M, Abarna K, Srinivasan P* - Biological Dyes: Microbial Pigments and Their Role in Sustainable Fashion Textiles, LIMFA International Conference organised by School of Fine arts.

PRESENTATIONS

	State Level	National	International
Conference	-	2	1

PARTICIPATION

	State Level	National	International
Conference	1	2	4
Workshop	2	1	-
FDP/PDP	8	5	4

AWARDS, HONORS AND RECOGNITION

Awards / Honors /Recognition	Agency / Institution	Year of Award
Golden Gurus	GRT Jewelers	2025
Recognition for securing 100% Results for 2 academic years	Rathinam Physiotherapy College	2024
M.Sc 2 nd Rank Holder	Gandhigram University	2024