



Faculty Profile on University Website

www.kmclu.ac.in



Name	Dhirendra Singh
Designation	Assistant Professor
Department	Biotechnology Engineering
Contact Details	
Email	dheerendra.singh301@gmail.com
Mobile No.	9672169114
LinkedIn Profile Link	https://www.linkedin.com/in/dhirendra-singh-20b928112



Educational Qualification

Exam	Board/University	Subject	Passing Year
M.Tech	Institute of Engineering and Technology, Lucknow (Affiliated to A.K.T.U., Lucknow)	Biotechnology	2022
B.Tech	Noida Institute of Engineering & Technology, Greater Noida (Affiliated to A.K.T.U., Lucknow)	Biotechnology	2020

Details of Service

Employer's Name and City	Designation	Type	Date(from)	Date(upto)	Total Experience
SVNIET, Barabanki	Assistant Professor	Regular	Feb 2023	Aug 2023	06 Months
Shree Krishna College, Sikandra (Rajasthan)	Assistant Professor	Regular	Sep 2023	March 2024	06 Months
KMCLU	Assistant Professor	Temporary	March 2024	Present	19 months

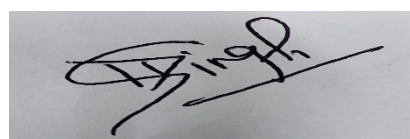
Academic Details

Teaching Area/Specialization	1. Computational Biology & AI – ML in Biological Science 2. Fermentation Biotechnology 3. Nanobiotechnology
Teaching Experience	1. Assistant professor in SVNIET, Barabanki from Feb 2023 to Aug 2023. 2. Assistant Professor in Shree Krishna College from Sep 2023 to March 2024. 3. Assistant Professor in Khwaja Moinuddin Chishti

	Language University, Lucknow since March 2024
Research Area	Computational Biology & AI – ML in Nanobiotechnology, Fermentation Technology.

Research Details	
No. of Research Publications	6
Books	1. Book Chapter on Food Spoilage in Food microbiology and biotechnology book. 2. Book Chapter on Central Dogma of molecular biology in Molecular Biology book. 3. Book chapter on Fermentation biotechnology in Food microbiology and biotechnology book.
Projects and Their Details	1. Production of fermented drink Kombucha and its impact on various disease-causing bacteria in 2019 under ABL scheme. 2. B.Tech Thesis on ‘Upstream and downstream processing of beer production by sorghum using <i>Saccharomyces cerevisiae</i> using honey as a flavouring agent’. 3. M.Tech Thesis on ‘Study of nanoparticles cytotoxicity using advanced machine learning approach’.
No. Conferences/Seminars/Workshops Participated	8
Honours/Awards	
1. Contributed as a Review Committee Member for the "Quality Confluence of Biotech, Pharma, Engineering & A.I. Solutions to Global Problems (QCBPEASGP-2024)" International Conference at Khwaja Moinuddin Chishti Language University, Lucknow (April 19-20, 2024). 2. Appointed as a judge for Smart India Hackathon 2024 organized by Samsung Innovation Campus.	
Administrative Services to the University	
1. Appointed as Departmental NAAC Coordinator & actively participated in the activities related to NAAC preparations, ensuring compliance with institutional quality standards and timely documentation. 2. Contributed as a supporting Faculty in the Environmental Club, Foundation Day Celebration 2024 at KMCLU, Lucknow (October 1-3 2024). 3. Member of the Cultural Committee	
Community Service/Social Service/Other Contributions	
Distribution of sanitary napkins on the occasion of International Women’s Day	

Any Special Information	
1.	2 NPTEL certification courses.
2.	More than 150 + Certification course.
3.	Secured gold badge in C programming and 2 star badge in python programming of Hackerrank platform.
4.	IBM big data certification, Python for data science certification course by IBM using Coursera.
5.	English proficiency course by British council in 2020.



Signature of Faculty Member