

## Curriculum Vitae

### **Dr. Mukul Saxena**

S/o Sri Krshna Kumar Saxena

Type 3-A/4

Residential campus,

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Jhansi

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### **OBJECTIVE**

To work in an environment where I can grow, learn and to prove to be an asset to my organization. I am interested in teaching, Research & Development in any research center of Biotechnology.

### **EDUCATIONAL QUALIFICATION**

<i>S. No</i>	<i>Course of Study</i>	<i>Subject / Discipline</i>	<i>University / Board</i>	<i>Year of Passing</i>	<i>Percentage</i>
1	Ph.D.	Biotechnology	Amity University, Jaipur, Rajasthan	2023	-
2	M Tech	Bio-Chem Engg.	H.B.T.I. Kanpur	2001	2.73/4 (Grade)
3	M.Sc.	Organic Chemistry	Bundelkhand Univ. Jhansi (U.P.)	1997	66.5%
4	B.Sc.	Physics, Chemistry, Math	Bundelkhand Univ. Jhansi (U.P.)	1995	62.0%

### **JOB PROFILE**

1. I worked as lecturer (part-time) for the session 1997-1998 in department of Industrial microbiology in BBC JHANSI.
2. I worked in the Deptt. Of Biotechnology (Science) on contractual basis from 17 Dec, 2002 to 5 Mar, 2003
3. I am working as Assistant Professor from 6 Mar, 2003 to till date in the Deptt. of Biotechnology Engg. Institute of Engineering and Technology, Bundelkhand University, Jhansi.

### **Publication (Peer Reviewed Journal)**

1. Mukul Saxena, Jai Prakash Kushwahab, Shweta Kulshreshtha, Gurleenjot Kaur and Neetu Singh "Ofloxacin and doxycycline competitive/binary adsorption on to MCM-41: isotherm modelling and evaluation" physics and chemistry of liquids (2022) 1-16  
<https://doi.org/10.1080/00319104.2022.2098295>
2. Mukul Saxena, Jai Prakash Kushwaha, Shweta Kulshreshtha, Gurleenjot Kaur, Neetu Singh "Doxycycline Adsorptive Interaction with Mesoporous MCM-41: Kinetic and Isotherm Modelling with Thermodynamics" Chemistry Africa (2022) 5:1055-106  
<https://doi.org/10.1007/s42250-022-00365-w>

### **Conference/Workshops/Training/Attended**

1. Certificate in computing from IGNOU.
2. Paper presented in National Conference held in B.B. (PG) College Jhansi.
3. Entitled "Bio-conversion of agro waste into enzyme Lipase"
4. Attend international conference on chemistry biology synergistic new front year topic from 21Nov, 2004 to 26Nov, 2004. Organized by Dr. B.R. Ambadkar center for Biomedical research university, Delhi.
5. Joined NCC at 12<sup>th</sup> level and attended a Camp.
6. President of BEFT Association of HBTI Kanpur (2000-2001)
7. Actively participating in the Establishment of Biotechnology Laboratory and Department in Institute of Engineering and Technology, Bundelkhand University, Jhansi
8. Successfully Completed 4 days short term program on Biosciences and Bionanotechnology conducted by the department of Applied Science from 02.02.2009 to 06.02.2009 at National Institute of Technical Teachers's Training and Research, Chandigarh, India.
9. Successfully Completed 12 days AICTE sponsored Summer School on Biotechnology and Biochemical Engineering conducted by the department of Applied Science from 17.08.2009 to 28 .02.2009 at National Institute of Technical Teachers's Training and Research, Chandigarh, India.
10. Successfully completed two weeks Faculty Development Programme organized by Institute of Entrepreneurship Development, U.P. India. From 07.08.2013 to 19.08.2013.
11. Actively participated in All India Engineering Project Contest-Techtrix 2005 organised by Institute of Engineering and Technology, Bundelkhand University, Jhansi India on March 25, 2005.
12. Attended Workshop on Patent Awareness (PAT-2003) organized by Institute of Information Technology, Bundelkhand University, Jhansi July 28, 2003.
13. Attended the Faculty Development Programme on "Advances in Bioprocess and Food Processing Technologies" organized by Department of Biochemical Engineering and Food Technology at Harcourt Butler Technological Institute, Kanpur held on Feb. 09-15, 2009.
14. Participated in Mid region science congress on 21 and 22 February 2009 organized by
15. Government M.H. Home Science and Science college, Jabalpur, M.P., India

### **Poster and Oral Presentation**

1. **Mukul Saxena**, Brajendra Shukla, Abhinav Kr Mishra Aloe Vera Response to Plastic (International Conference on Recent Advances in Biomedical and Therapeutic Sciences, ICRABTS 2005, Bundelkhand University, Jhansi , U.P., India, January 6th -8th ,2005).
2. **Mukul Saxena**, Abhinav Kr. Mishra, Deepakshi Srivastva, Mahendra Pratap Singh, (International Conference on Recent Advances in Biomedical and Therapeutic Sciences, ICRABTS 2005, Bundelkhand University, Jhansi , U.P., India, January 6th -8th ,2005).
3. **Mukul Saxena**, Ashish Singh, Avnish Mishra, Khwaja Osmama, Ankit kKumar Srivastva, Vinay Kumar Madhesia, " Synthesis of Quantum Dots and Magnetic Nano Particles " ("Genesis 2009" National Symposium on Recent Technological Developments in Bio Process and Food Processing Industries organized by Department of Biochemical Engineering and Food Technology in collaboration with Association of Biochemical Engineers and Food Technologists (ABEFT), HBTI, Kanpur, U.P., India., February 14<sup>th</sup> - 15<sup>th</sup> ,2009).

4. **Mukul Saxena**, Ambreen, Ginnie Kaur, Garima Pandey, Surabhi Saraswat, “Application of Nanotechnology in Food Industry ( ” “Genesis-2013” National Seminar on Advances in Bioprocesses for Environmental Safety and Nutritional Security organized by Association of Biochemical Engineers and Food Technologists (ABEFT) and Department of Biochemical Engineering and Food Technology, HBTI, Kanpur, U.P., India., *March 2<sup>nd</sup> - 3<sup>rd</sup>, 2013*).
5. Ambreen, Priyanka Shukla, Swet Chandra Shukla, Mahendra Pratap Singh, Dinesh Diwedi, **Mukul Saxena**, Anand Kumar Pandey, Anti-Carcinogenic Property of D- Limonene: In Silico Evaluation of the Hypothesis Exploring Possible MMP-9 Inhibition Mediated Pharmacotherapy, Biofuturity 2014, Bundelkhand University, Jhansi, March 26-27, 2014.

#### **ADMINISTRATIVE ACTIVITIES**

1. Hold the post of Coordinator, Board of Studies of Biotechnology, 2004.
2. Organize National conference **Biofuturity 2011** as a **Co-Convenor** in Bundelkhand University Jhansi.
3. Hold the post of **Coordinator, Department of Biotechnology Engineering, IET, Bundelkhand University, Jhansi** from 5<sup>th</sup> September 2012 to 31 July 2014.
4. Organize National conference **Biofuturity 2014** as a **Co-Convenor** in Bundelkhand University Jhansi.
5. Organize National conference **Biofuturity 2018** as a **Co-Convenor** in Bundelkhand University Jhansi.
6. Hold the post of Coordinator, Department of Biotechnology, IET Bundelkhand University Jhansi from Sep 2012 to July 2014.