

## Curriculum Vitae



### **General Profile:**

**Name** : Dr. Sarang Sharad Bari  
**Age** : 31 yrs (Date of birth 13.04.1988)  
**Designation** : Assistant Professor  
**Contact Information** : *Email:* bari.sarang@rediffmail.com  
*Mobile No.:* +91-8055823869

### **Qualification and Experience:**

#### **1. Academic Qualification:**

<b>Qualification</b>	<b>College/University</b>	<b>Year of Passing</b>
B. Sc. (Biotechnology)	North Maharashtra University, Jalgaon.	2008
M. Sc. (Biotechnology)	North Maharashtra University, Jalgaon.	2010
M. Tech. (Nanotechnology)	North Maharashtra University, Jalgaon.	2012
Ph. D	North Maharashtra University, Jalgaon.	2017

**Ph.D. Topic:** "Studies on development of biodegradable polymer nanocomposites"

**Ph.D. Guide:** Prof. Satyendra Mishra, Ex. Director, UICT, NMU, Jalgaon; presently working as UGC-BSR Faculty Fellow, UICT, NMU, Jalgaon.

#### **2. Teaching Profile:**

<b>Duration</b>	<b>Institution</b>	<b>Designation</b>	<b>Nature of work</b>
Aug. 09, 2018 onwards	KCE's Post Graduate College of Science, Technology and Research, Jalgaon.	Assistant Professor	Post-Graduate Teaching & Administration

Dec. 2012 to May 2017	University Institute of Chemical Technology, NMU, Jalgaon	Research Assistant	Graduate & Post- Graduate Teaching & Research
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#### **Courses taught at undergraduate level:**

- Practicals in Physical Chemistry (BSC-104)
- Practicals in Organic Chemistry (BSC-103)
- Practicals in Inorganic Chemistry (BSC-102)

#### **Courses taught at postgraduate level:**

- Microbial Physiology and Diversity (BT-101)
- Plant biotechnology (BT-302)
- Environmental Biotechnology (BT-303)
- Laboratory Course on Plant biotechnology & genomics (BT-304)
- Biophysical Chemistry & Biostatistics (BT-202)
- Industrial & business biotechnology (BT-403)
- Laboratory course on Methods in Industrial biotechnology (BT-205)
- Techniques for Synthesis of Nanoparticles (NT-1.2)
- Laboratory Course on Synthesis and Characterization of Nanoparticles (NT-1.3)
- Applications of Nano Science & Technology in Material Technology (NT-2.1)
- Applied Colloid and Surface Chemistry (NT-2.5)

#### **Awards/Fellowships:**

- Project Fellowship - 2012 (UGC, New Delhi)
- Research Assistantship – 2013 (MHRD-DST, New Delhi)
- Junior Research Fellowship – 2017 (DST, New Delhi)

#### **Honors/Heads:**

- Chief Editor of college magazine 'SPHATIK'
- Editor of research compendium of "Prospective Researchers' Scheme (PRS)"
- Chairman of 'Criteria VII of NAAC' for college steering committee
- Nodal officer of 'Skill Development Programme' for college
- Team manager of sports activities of college
- Coordinator of 'University Level Power-point presentation competition' of college

### **3. Research Profile:**

#### **❖ Major Scientific areas of interest:**

1. Bio-nanotechnology
2. Eco-friendly Synthesis of Nanomaterials
3. Biomedical Applications of Polymer Nanocomposites
4. Analytical Chemistry
5. Material Science
6. Process Development for cost-effectiveness

❖ **Research Publications:**

Number of research articles published: 05

Avg. impact factor of publications: 5.8

Book chapter: 02

Google scholar	All	Since 2014
<u>Citations</u>	78	78
<u>h-index</u>	4	4
<u>i10-index</u>	2	2

**4. Conferences/seminars profile:**

Number of national conferences participated: 04

Number of international conferences participated: 04

**5. Workshops/training profile:**

Sr.	Programme	Duration	Place
1	Industrial Training Project in <i>Fruit Processing</i>	June 16 - July 15 2009	Jain Irrigation Systems LTD, Jalgaon (MS)
2	Professional Certificate Course on <i>Sophisticated Instrumental Analysis</i>	June 19-28, 2009	UICT, NMU, Jalgaon (MS)
3	Short Term Training Programme on <i>Nanoscience &amp; Nanotechnology</i>	June 20-25, 2013	UICT, NMU, Jalgaon (MS)
4	<i>Induction Training Programme</i> for faculty members	Feb. 16, 2019	PGCSTR, Jalgaon (MS)
5	Workshop on <i>Intellectual Property Rights (IPR)</i>	April 2, 2019	PGCSTR, Jalgaon (MS)
5	Workshop on <i>Intellectual Property Rights (IPR) &amp; Patent System</i>	March 12, 2019	KBC NMU, Jalgaon (MS)
6	Faculty Development Programme on <i>Cyber Security</i>	Sept. 3-8, 2019	SOCS, KBC NMU, Jalgaon (MS)

**Extra Activities:**

- Computer proficiency via qualifying MS-CIT (2008)
- Multi-linguistic ability & teamwork
- Active participation in organization of departmental events