

CURRICULUM VITAE

Dr. (Ms.) Uzma Parveen Khwaja Husain Bangi

(M. Sc., Ph. D.)

DST Women Scientist - A
School of Physical Sciences,
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Date of birth: 29th March 1985

Nationality: Indian



I. RESEARCH EXPERIENCE

Sr. No.	Position held	Duration
1.	DST Women Scientist - A (Chief Investigator), School of Physical Sciences, PAH Solapur University, Solapur, Maharashtra.	Dec. 2020 - continuing
2.	SERB Young Scientist (Chief Investigator), School of Physical Sciences, PAH Solapur University, Solapur, Maharashtra.	Apr. 2015 – Apr. 2018
3.	Brain Korean-21 Post-Doctoral Fellow Dept. of Materials Science & Engineering, Yonsei University, Seoul, Republic of Korea.	Sep. 2011 – Feb. 2013
4.	Senior Research Fellow (during Ph.D.), Department of Physics, Shivaji University, Kolhapur.	Dec. 2009 – Jan. 2011
5.	Junior Research Fellow (during Ph.D.), Department of Physics, Shivaji University, Kolhapur.	Sep. 2007 – Dec. 2009

II. TEACHING EXPERIENCE

Sr. No.	Position held	Duration
1.	DST Women Scientist - A, School of Physical Sciences, PAH Solapur University, Solapur, Maharashtra.	Dec. 2020 – Apr. 2021
2.	Assistant Professor (Consolidated), School of Physical Sciences, PAH Solapur University, Solapur, Maharashtra.	Jul. 2019 – Apr. 2020
3.	Assistant Professor (Consolidated), School of Physical Sciences, PAH Solapur University, Solapur, Maharashtra.	Jul. 2018 – Apr. 2019
4.	Young Scientist (SERB), School of Physical Sciences, PAH Solapur University, Solapur, Maharashtra.	Jul. 2016 – Apr. 2017, Jul. 2017 – Apr. 2018

5.	Assistant Professor (Consolidated), School of Physical Sciences, PAH Solapur University, Solapur, Maharashtra.	Jul. 2014 – Apr. 2015
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III. EDUCATION

Degree	Year	Percentage
Ph. D. (Materials Science) from Department of Physics, Shivaji University, Kolhapur, Maharashtra, India. Topic: Synthesis and Characterization of Inorganic Aerogels via Ambient Pressure Drying, Supervisor: Prof. A. V. Rao	2007- 2011	Awarded
M. Sc. (Solid State Physics) from Shivaji University	2005-2007	67.33 %
B. Sc. (Physics) from Shivaji University	2002-2005	77.64 %
H. S. C. from Pune Board	2000-2002	76.16 %
S. S. C. from Pune Board	2000	83.46 %

IV. RESEARCH AREAS

- Porous Nanomaterials (Aerogels) for Thermal Insulation, Catalysis, PEC water splitting
- Hydrophobic coatings for Self-cleaning purpose
- High-k metals oxide for FETs

V. AWARDS AND HONORS

- **Highly cited Researcher** honored by **World AD Scientific Index 2021**.
- **Women Scientist-A Fellowship** honored by Department of Science & Technology (DST), Gov. of India in Dec. 2020.
- **Best oral presentation award** awarded in Asian e-conference on Engineered Science organized by ES Publisher, USA, on 5-6, December 2020.
- **Best Oral presentation award** awarded in international conference on “Advances in materials science” held at Raje Ramrao Mahavidyalaya, Jath, on 7-8, December 2016.
- **Young Scientist Fellowship** honored by Science & Engineering Research Board- Department of Science & Technology (SERB-DST), New Delhi, Gov. of India in Apr. 2015.
- **Brain Korean-21 Post-doctoral Fellowship** honored by Division of Humantronics Information Materials, Seoul, Republic of Korea in Sep. 2011.
- **Dukhtar e Millat Award** honored by **Khidmate Khalq Organization of India** in 2013.
- **Senior Research Fellowship (SRF)** honored by Council of Scientific and Industrial Research (CSIR), Gov. of India in Apr. 2010.
- **Senior Research Fellowship (SRF)** honored by Department of Science and Technology (DST), Gov. of India in Dec. 2009.
- **Junior Research Fellowship (JRF)** honored by Department of Science and Technology (DST), Gov. of India in Sep. 2007.

VI. PROJECT INVOLVED

Title of Project	Funding agency	Funds received	Duration	Worked as
Development of zirconia aerogels dried at ambient pressure for industrial and domestic applications	Science & Engineering Research Board (SERB), Gov. of India	Rs. 31,00,000/-	16/04/2015 To 15/04/2018	Chief Investigator
Photoelectrode development for photoelectrochemical water splitting using 3D-(Mo,W)S ₂ /graphene oxide (GO) aerogels	Department of Science & Technology (DST), Gov. of India	Rs. 34,24,522/-	01/12/2020 To Continuing	Chief Investigator

VII. PUBLICATIONS AND CONFERENCES

Criteria	Status	No.	Criteria	Status	No.
Research Grants	Completed	01	Books Authored with ISBN	Books	01
	Sanctioned	01		Book Chapters	02
SCI / SSCI Indexed Articles	Published	28	Invited Presentations Delivered	Scientific Meetings	-
	Accepted	-		Workshops	-
SCOPUS Indexed Articles	Published	26		Conferences	02
	Accepted	-		Seminars	03
Other Indexed Articles	Published	13	Editorial Appointments in Journals	Editor in Chief	-
	Accepted	-		Associate Editor	-
Papers Presented in Conferences	International	05		Board Member	01
	National	05		Reviewer	07

Date: 18 October 2021



Dr. Uzma K. H. Bangi