

Department of Physics

Uka Tarsadia University

Name	Shivaniben Prakashbhai Patel		
Qualification	MSc Physics (pursuing Ph.D)		
Designation	Teaching Assistant		
Date of Joining	05/07/2023		
Date of Birth	16/01/1994		
Area of Interest	Material Science (Microwave Dielectrics)		
Career Profile			
Organization/ Institution	Designation	Duration	Role
Uka Tarsadia University	Teaching Assistant	July 2023 till date	Teacher, Examiner
Publications			
Year	Title	Reference	Publication Type
2019	Study of concentration-dependent dielectric Properties of binary liquid mixtures	PROCEEDINGS OF cSTEM'19	International
2019	Dielectric properties of binary liquid mixtures-Winkelmann-Quitze approach	AIP Conference Proceedings	International
2022	Study of short-range and long-range molecular interaction in binary liquid mixtures of N, N- dimethylformamide (DMF) and 1-propanol	Journal of Molecular Liquids, ELSEVIER	International
2022	Dielectric Dispersion Response of Binary Mixtures of n-Butanol and Valeronitrile	Advanced materials research	International
2023	Study of concentration dependent dielectric properties of n-heptanol, propionitrile and their binary liquid mixtures at constant temperature	Proceedings of International Conference RAISE 2023	International
2023	Refractive indices, density and their related properties for several binary mixtures of n-Hexanol with N, N-Dimethylformamide at constant temperature 303.15K	Proceedings of International Conference RAISE 2023	International
Conferences/ Seminar/ Workshop/ Training attended			
Title	Organization	Date	Place
International e-Conference on Frontline Areas in Chemical Sciences by Pacific University Udaipur	Pacific University Udaipur	03/10/2021 To 04/10/2021	Udaipur
International e-Conference on Frontline Areas in Chemical Sciences by Pacific University Udaipur	Pacific University Udaipur	03/10/2021 To 04/10/2021	Udaipur
International Science Symposium 2021 by Christ	Christ College Rajkot	08/04/2021	Rajkot

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3rd International Conference on Condensed Matter & Applied Physics	Government engineering college, Bikaner	14/10/2019	Bikaner, Rajasthan
International e-Conference on material science and nanotechnology	Dayanand Science college, Latur	17/12/2019	Latur
International Seminar on Advanced materials and Applications by The M. S. University of Baroda, Vadodara	MSU, Vadodara	18/07/2022	Baroda, Vadodara
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31st Research Methodology Workshop on “Physics & Electronics”	KCG, Gujarat	18/11/2019	KCG, Gujarat
National conference on Advances in Material Science: Challenges and Opportunities (AMSCO-2021)	MKBU, Bhavnagar	21/09/2021	MKBU, Bhavnagar
A Two day National Conference on STEM (cSTEM'19)	G.H. Patel engineering college, V. V. Nagar.	27/09/2019	G.H. Patel engineering college, V. V. Nagar.

Other Achievements

- 1) Best Oral Presentation: IITE, Gandhinagar

Membership of Professional Bodies

- 1) Reviewer of Journal / Magazine: International Journal of Materials Science and Applications, Science Publishing Group, USA.
- 2) Membership: Association of Indian Physicists (AIP)

Participation in other Activities

- 1) Training Program on Advanced Analytical Techniques Dayalbagh, Agra 24/09/2022 - 30/09/2022.
- 2) Advances in Characterization of Materials, MSU, Vadodara, 12/09/2022 - 18/09/2022.
- 3) Hands on Practice on Characterization Tools and Techniques for Nano materials in Material Science, University of Rajasthan, Jaipur, 20/09/2022 - 26/09/2022.