

## BIO-DATA



1.	<b>Name</b>		<b>SWAPNA GIJARE</b>		
2.	<b>Designation</b>		<b>Assistant Professor</b>		
3.	<b>Address</b>		<b>Dept. of Basic Sciences and Humanities, Fr. C. Rodrigues Institute of Technology, Agnel Technical Education complex, Vashi, Navi Mumbai, Maharashtra, India -400703 Contact: 022-27771000 Ext: -169 Email: Swapna.gijare@fcrit.ac.in</b>		
4.	<b>Total Experience</b>		<b>17.5 years</b>		
	<b>i. Teaching</b>		<b>17.5years</b>		
	<b>ii. Industrial</b>		<b>NIL</b>		
6.	<b>Qualifications</b>				
	<b>Exam Passed</b>	<b>Year</b>	<b>Institution/ University</b>	<b>Branch/Specialization</b>	<b>Percentage/CGPI</b>
	MSc.	August 2001	SNDT University, Mumbai	Analytical & Medicinal Chemistry	67% First Class
	BSc.	May 1999	Mumbai University G.N.Khalsa College	Microbiology	63% First Class
<b>Additional Qualification:</b>					
7.	<b>Employment Record</b>				
	<b>Institution</b>	<b>Year (From To)</b>	<b>Designation</b>		
	Fr.C. Rodrigues Institute Of Technology, Vashi	Since 18 July 2007	Assistant professor		
	Dr.BMN college of Home Science, SNDT University, Matunga.	January 2005 to June 2006	Lecturer		
8.	<b>Undergraduate / Postgraduate Teaching Experience and Subjects Taught</b>				
	<b>Subjects Taught at UG level</b>				
	<b>Sr.No.</b>	<b>Name of Subject</b>	<b>Semester</b>		
	1	Applied & Engineering Chemistry-I	F.E. Semester-1		
	2	Applied & Engineering Chemistry-2	F.E. Semester-2		
	3.	Food Analysis, Standards and Quality control	First, second- and third-year B.Sc.		
9.	<b>Research Experience: -</b>				
	1. Working on 'Synthesis, characterisation and applications of carbon nanomaterials from plant derivatives' (Since November 2009, R&D)				
	2. Currently working on "All inorganic lead-free halide perovskites as a photocatalyst" (Since June 2021, R&D)				
1	<b>Professional Societies Fellowship / Membership: -</b>				
	Life member of 'Indian Carbon Society'				
	Life member of 'Indian Women Scientist Association'				
14.	<b>Short Term Training Programmes attended: -</b>				
	1. Attended hands on training on 'Composite materials' by ICAR-Central				

**Institute for Research on Cotton Technology (ICAR-CIRCOT), Mumbai (7<sup>th</sup> – 9<sup>th</sup> February 2023**

**2. Attended online FDP on “Recent Advancements in Nanomaterial and Green Technology for Sustainable Engineering” by Rajiv Gandhi Institute of technology, Mumbai (6<sup>th</sup> –8<sup>th</sup> October 2021)**

**3. Attended online FDP on the theme “Inculcating Universal Human Values in Technical Education” by AICTE, Delhi (27<sup>th</sup> September to 1<sup>st</sup> October 2021)**

**4. Attended AICTE-Examination reforms workshop AICTE, Delhi (23<sup>rd</sup> to 25<sup>th</sup> August 2021)**

**5. Bodhi tree and SAFE:-Tools for Effective Online Teaching: A Hands-On Workshop by IIT Bombay (15<sup>th</sup> to 20<sup>th</sup> June 2020)**

**6. Completed One-week National Faculty Development Program and Online Training on ‘Moodle Learning Management System’ by KJ. Somaiya Institute of Engineering and Information Technology in association with Spoken Tutorial Project, IIT Bombay (26<sup>th</sup> May to 30<sup>th</sup> May 2020)**

**7. Successfully completed NPTEL online course on ‘Nanotechnology in agriculture’ with Elite Gold certificate (92%, topper among 313 students), by IIT Kanpur (August to October 2019)**

**8. AICTE-ISTE approved short term training programme on “Teaching Pedagogies for Engineering Education” by Fr. C. Rodrigues Institute of Technology, Vashi (24<sup>th</sup> to 28<sup>th</sup> June 2019)**

**9. Induction program approved by ISTE-AICTE on "Inclusion of nanotechnology in commercial arena ' by K.J.Somaiya Institute of Technology Mumbai, (2<sup>nd</sup> to 7<sup>th</sup> July 2018)**

**10. Participated in AICTE approved QIP on Modern Biophysical Techniques, Indian Institute of Technology, Bombay. (15<sup>th</sup>-19<sup>th</sup> December 2016)**

**11. Attended workshop on the revised syllabus (2016-17) of Applied chemistry-I & II, Bharati Vidyapeeth College of Engineering Navi Mumbai. (3<sup>rd</sup> August 2016)**

**12. Participated in Workshop on 'Nano-to-Technology', School of Biotechnology and Bioinformatics Y Patil University, Navi Mumbai ((18<sup>th</sup> April 2015)**

**13. Presented paper-'Impact of catalyst on the synthesis of carbon nanomaterials from castor seeds by CVD method' 3<sup>rd</sup> International Conference NANOCON 014, Bharati Vidyapith University, Pune, (14<sup>th</sup> and 15<sup>th</sup> October 2014)**

**14. Participated in workshop on 'Electron Microscopy ‘Sophisticated Analytical Instrument Facility, Indian Institute of Technology, Bombay (22<sup>nd</sup> April 2014)**

**15. participated-Common Content Development for F.E.SEM I for Association of Catholic Christian Minority Institutes (ACCMI), Don Bosco Institute of technology, Kurla, Mumbai. (21<sup>st</sup> June 2013)**

**16. Presented Paper -Synthesis, Characterization and Applications of Carbon nanomaterials. SANKALP2013, Fr. Conceicao Rodrigues College Of Engineering, Bandra (W), Mumbai. (15<sup>th</sup> February 2013)**

**17. Participated in National Conference on 'Carbon**

	<p>Materials'2012'(CCM12),BARC,Anushakti Nagar, Mumbai.(1st to 3rd November 2012)</p> <p>18.Attended the orientation program on the revised syllabus of Applied Chemistry-I &amp; II,RamraoAdik Institute of Technology,Nerul, Navi Mumbai.(11th September 2012)</p> <p>19.Attended STTP approved by ISTE on 'Nanoscience and Technology',Shah and Kutchhi Engineering College, Chembur, Mumbai. (18th to 22 nd January 2010)</p> <p>20.Participated in ISTE Approved STTP Programme on 'Instrumental Methods of Chemical Analysis',Fr.Conceicao Rodrigues College Of Engineering, Bandra, Mumbai.(5<sup>th</sup> to 16<sup>th</sup> May 2008)</p> <p>21.Attended workshop on revised syllabus of Applied chemistry -II,RamraoAdik Institute of Technology,Nerul, Navi Mumbai. (2nd February 2008)</p> <p>22.Attended state level workshop 'EN-CHEMISTRY',Sinhagad college of Engineering Vadgaon, Pune.AICTE approved and sponsored by University of Pune. (18th to 21st December 2007)</p> <p>23.Attended workshop on revised syllabus of Applied chemistry I, SIES Graduate School of technology, Nerul, Navi Mumbai. (25<sup>th</sup> August 2007)</p>
15.	<p>List of Journal Papers Published:-</p> <p>1. Swapna G, Suma J and Umesh M, “Applications of carbon Nanobeads prepared from castor seeds as a sensor for the detection of estradiol” <i>Vol.6, Issue.4, Print ISSN-2395-6011/online ISSN- 2395-602x</i>, July-August 2019</p> <p>2.Swapna G, Suma J and Umesh M, “A Scope of using Carbon Nanobeads prepared from Castor seeds as Biosensors”, <i>International Journal of Scientific Research in Science and Technology</i>, Vol.3, Issue No.10, pp.33-38, November-December 2017.</p> <p>3.Swapna G, Suma J and Madhuri Sharon “Impact of catalyst on the synthesis of CNM from castor seeds by CVD Method,” <i>Advanced Science Letters</i>, vol. 22, No. 4, pp. 1003-1007, April 2016.</p>
16.	<p>List of Papers Published in National and International Conferences: -</p> <p>1. Suma Jebin, Swapna Gijare , Amrita mandal Bera ‘All inorganic lead-free perovskites for photocatalysis: Preparation and Absorption study” in <i>IEEEExplore (12 June 2023) 5<sup>th</sup> Biennial International Conference on Nascent Technologies in Engineering (ICNTE 2023)</i> held in January 2023.</p> <p>2.Swapna G, Suma J and Umesh M, “A Scope of using Carbon Nano beads prepared from Castor seeds as Biosensors”, <i>National Conference on Research and Development in Synthetic organic chemistry</i>, Agasti Arts, Commerce and Dadasaheb Rupwate Science College, Akole, Maharashtra, December 29-30, 2017.</p> <p>3.Swapna G, Suma J and Madhuri Sharon “Impact of catalyst on the synthesis of CNM from castor seeds by CVD Method,”<i>3rd International Conference NANOCON 014</i>,Bharati Vidyapith University,Pune. October, 14-15, 2014.</p>