

BIO-DATA



1.	Name	SWAPNA GIJARE			
2.	Designation	Assistant Professor			
3.	Address	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			
4.	Total Experience	18.5 years			
i.	Teaching	18.5years			
ii.	Industrial	NIL			
6.	Qualifications				
	Exam Passed	Year	Institution/ University	Branch/Specialization	Percentage/CGPI
	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
Additional Qualification: Pursuing PhD from K J Somaiya College of Science and Commerce, Vidyavihar Mumbai since September 2023					
7.	Employment Record				
	Institution	Year (From To)		Designation	
	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.	Undergraduate / Postgraduate Teaching Experience and Subjects Taught				
	Subjects Taught at UG level				
	Sr.No.	Name of Subject			Semester
	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.	Research Experience: -				
	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)				
	3.Started PhD in Mumbai university with research topic "Catalytic Activity Studies Of Cobalto Spinels" since September 2023				
1	Professional Societies Fellowship / Membership: -				
	Life member of 'Indian Carbon Society'				
	Life member of 'Indian Women Scientist Association'				
14.	Short Term Training Programmes attended: -				

1. Participated in ISTE Approved Five Days FDP on “Advances in Renewable Energy Technologies for Sustainable development” (29th July to 2nd August 2024)
2. Participated in the 10 Day Faculty Training Program on “Implementation of Autonomy” conducted at FCRIT, Vashi. (5th July 2024 to 19th July 2024)
3. Successfully completed NPTEL online 4 weeks course (3 credits) on “Fundamentals of Spectroscopy” with elite certificate conducted by IISER, Pune (January to April 2024)
4. RUSA sponsored 4 credit course on ‘Research Methodology’ approved by university of Mumbai (12th February to 6th March 2024)
5. Participated in the INUP- i2i Familiarization Workshop on Nanofabrication Technologies, held at IIT Bombay (January 22-25, 2024)
6. RUSA sponsored 2 credit course on ‘Research publication ethics’ approved by university of Mumbai (14th –31st January 2024)
7. Participated in the 5 day ‘International Faculty Development Program on Functional Materials and Devices: Energy, Environment and Sustainable Development’ organised by the Department of Physics, Presidency University (10th to the 14th of July, 2023)
8. Attended hands on training on ‘Composite materials’ by ICAR-Central Institute for Research on Cotton Technology (ICAR-CIRCOT), Mumbai (7th – 9th February 2023)
9. Attended online FDP on “Recent Advancements in Nanomaterial and Green Technology for Sustainable Engineering” by Rajiv Gandhi Institute of technology, Mumbai (6th –8th October 2021)
10. Attended online FDP on the theme “Inculcating Universal Human Values in Technical Education” by AICTE, Delhi (27th September to 1st October 2021)
11. Attended AICTE-Examination reforms workshop AICTE, Delhi (23rd to 25th August 2021)
12. Bodhi tree and SAFE:-Tools for Effective Online Teaching: A Hands-On Workshop by IIT Bombay (15th to 20th June 2020)
13. 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 (26th May to 30th May 2020)
14. 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)
15. AICTE-ISTE approved short term training programme on “Teaching Pedagogies for Engineering Education” by Fr. C. Rodrigues Institute of Technology, Vashi (24th to 28th June 2019)
16. Induction program approved by ISTE-AICTE on "Inclusion of nanotechnology in commercial arena ' by K.J.Somaiya Institute of Technology Mumbai, (2nd to 7th July 2018)
17. Participated in AICTE approved QIP on Modern Biophysical Techniques, Indian Institute of Technology, Bombay. (15th-19th December 2016)
18. Attended workshop on the revised syllabus (2016-17) of Applied chemistry-I & II, Bharati Vidyapeeth College of Engineering Navi Mumbai. (3rd August 2016)
19. Participated in Workshop on 'Nano-to-Technology', School of Biotechnology and

	<p>Bioinformatics Y Patil University, Navi Mumbai ((18th April 2015)</p> <p>20.Presented paper-'Impact of catalyst on the synthesis of carbon nanomaterials from castor seeds by CVD method'3rd International Conference NANOCON 014, Bharati Vidyapith University, Pune, (14th and 15th October 2014)</p> <p>21.Participated in workshop on 'Electron Microscopy ‘Sophisticated Analytical Instrument Facility, Indian Institute of Technology, Bombay (22 nd April 2014)</p> <p>22.participated-Common Content Development for F.E.SEM I for Association of Catholic Christian Minority Institutes (ACCMI), Don Bosco Institute of technology, Kurla, Mumbai. (21st June 2013)</p> <p>23.Presented Paper -Synthesis, Characterization and Applications of Carbon nanomaterials. SANKALP2013, Fr. Conceicao Rodrigues College Of Engineering, Bandra (W), Mumbai. (15th February 2013)</p> <p>24.Participated in National Conference on 'Carbon Materials'2012'(CCM12),BARC,Anushakti Nagar, Mumbai. (1st to 3rd November 2012)</p> <p>25.Attended the orientation program on the revised syllabus of Applied Chemistry-I & II,RamraoAdik Institute of Technology,Nerul, Navi Mumbai. (11th September 2012)</p> <p>26.Attended STTP approved by ISTE on 'Nanoscience and Technology',Shah and Kutchhi Engineering College, Chembur, Mumbai. (18th to 22 nd January 2010)</p> <p>27.Participated in ISTE Approved STTP Programme on 'Instrumental Methods of Chemical Analysis',Fr.Conceicao Rodrigues College of Engineering, Bandra, Mumbai. (5th to 16th May 2008)</p> <p>28.Attended workshop on revised syllabus of Applied chemistry -II, Ramrao Adik Institute of Technology,Nerul, Navi Mumbai. (2nd February 2008)</p> <p>29.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>30.Attended workshop on revised syllabus of Applied chemistry I, SIES Graduate School of technology, Nerul, Navi Mumbai. (25th 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,Dr.Mini Rajeev, Dr.Dhanajay Paygude ‘Comparitive Study of Synthesis Methods Of All Inorganic Lead-free bromide perovskites” in 2nd International conferece on advances in material science and Technology (ICAMST-2024) held from 29th to 31st July 2024</p> <p>2. Suma Jebin, Swapna Gijare , Amrita mandal Bera ‘All inorganic lead-free perovskites for photocatalysis: Preparation and Absorption study” in IEEEExplore (12 june 2023) 5th Biennial International Conference on Nascent Technologies in Engineering (ICNTE 2023) held in</p>

	<p>January 2023.</p> <p>3.Swapna G, Suma J and Umesh M, “A Scope of using Carbon Nano beads prepared from Castor seeds as Biosensors”, National Conference on Research and Development in Synthetic organic chemistry, Agasti Arts, Commerce and Dadasaheb Rupwate Science College, Akole, Maharashtra, December 29-30, 2017.</p> <p>4.Swapna G, Suma J and Madhuri Sharon “Impact of catalyst on the synthesis of CNM from castor seeds by CVD Method,”3rd International Conference NANOCON 014,Bharati Vidyapith University,Pune. October, 14-15, 2014.</p>
	<p>List Of Poster Presented:-</p> <ol style="list-style-type: none">1. Presented poster titled ‘Catalytic activity Study of Copper Iron Cobaltite for the Oxidative Dehydrogenation of Ethylbenzene to Styrene’for Somaiya Polymer Symposium conducted by Somaiya Vidyavihar University, Mumbai from 13th to 15th October 2024.