BIO-DATA

Recent Photograph

1.	**Name**	Dr. Snehal Kargirwar
2.	**Designation**	Assistant Professor
3.	**Residential Address**	
4.	**Date of birth**	
5.	**Total Experience**	13 years
i.	**Teaching**	13 Years
ii.	**Industrial**	01 Year ABN Metals, Nagpur

6. Qualifications

Exam Passed	Year	Institution/ University	Branch/Specialization	Percentage/CGPI
PhD	2012	RTM Nagpur University	Polymer Chemistry	

Additional Qualification:

7. Employment Record

Institution	Year (From To)	Designation
FCRIT	Sep 2020 till date	Assistant Professor
SIES Graduate School of Technology, Navi Mumbai	August 2015 to August 2019	Assistant Professor
Priyadarshini Institute of Engineering and Technology, Nagpur	2012-2013	Assistant Professor
Smt. Rajshree Mulak College of Engineering, Nagpur	2009-2012	Assistant Professor
Shri. Shivaji Science College, Nagpur	2007-2009	Assistant Professor

8. Undergraduate / Postgraduate Teaching Experience and Subjects Taught

Subjects Taught at UG level

Sr.No.	Name of Subject	Semester
1	Engineering Chemistry I	I
2	Engineering Chemistry II	II

9. Research Experience

10. Professional Societies Fellowship / Membership life member : Life member of Indian Women Scientist Association (IWSA)

11. Short Term Training Programmes attended -04

12.	**Research Projects :** Completed Minor Research Project received from Mumbai University of amount 40,000/- (Ref: **APD/ICD/2018-19/593, 16th March, 2019 , Research Project No: 456)** **List of Journal Papers Published -** 1. "Synthesis of Nanostructured Conducting Polymers for Gas Sensing Applications" Snehal Kargirwar, ***International Journal of Chemical Sciences,*** Vol 20 Iss 03, 430, 2022. 2. Published 11th chapter "Silver Nanoparticles and Its Polymer Nanocomposites—Synthesis, Optimization, Biomedical Usage, and Its Various Applications" in Polymer Nanocomposites in Biomedical Engineering" book **(Springer Publications)** ISBN 978-3-030-04740-5 page 331-373, April 2019. 3. "Polyaniline/ZnO nanocomposites for the removal of methyl orange dye from waste water" Neha V. Nerkar, Subhash B. Kondawar, **Snehal Kargirwar Brahme**, Yun Hae Kim**, International Journal of Modern Physics B** Vol. 32, No. 19 (2018) 1840085. 4. "Ultrasonicated Organic Acid Doped Polyaniline Nanotubes for Anionic Dyes Detection in Waste Water" Neha V. Nerkar, **Snehal R. Kargirwar**, S. B. Kondawar, D. V. Burghate,P. D. Burghate, **International Journal of Science and Research (IJSR),** 195-198, 2015. **5.** "Fluorescence Study of Polyaniline Doped with Organic Acids" **Snehal R. Kargirwar,** S.B. Kondawar, **Asian J. Research Chem.** 8(1): 36-38, Jan 2015. 6. **"**Morphology and electrical conductivity of self-doping polyanilines synthesized via self-assembly process**" S.R. Kargirwar,** S.R. Thakare, M.D. Choudhary, S.B. Kondawar, S. R. Dhakate **Adv. Mat. Lett. 2011, 2(6), 397-401, 2011.** **7.** "Dielectric studies of Phenylenediamine doped with organic acids" **Snehal R. Kargirwar,** Sanjay R. Thakare, M. D. Choudhary **Der Chemica Sinica, 2012, 3(1): 204-209.** 8. "Effect of dopant on the nanostructured morphology of phenylenediamine synthesized by template free method" **S. R. Kargirwar,** S. R. Thakare, M. D. Choudhary, D. K. Burghate **Int.J.Nano Dim. 2(4): 223-226, Spring 2012**. 9. "Thermal Stability Study Of Conducting PolyanilineDoped With Picric Acid" **Snehal R. Kargirwar,** Sanjay R. Thakare, M.D.Choudhari Materials Science – An Indian Journal Vol. 7, Issue 5, 2011. **10.** "Preparation and Characterizations of Phenylenediamine Nanofibers" **Snehal R. Kargirwar,** Sanjay R. Thakare, M. D. Choudhary and S. B. Kondawar **International Journal of Pure & Applied Chemistry Vol. 6(3), 2011, 269-271.** 11. "Synthesis and characterization of nanostructure ZnS/CdS reinforced conducting polyaniline nanocomposites", S. B. Kondawar, S.D.Bompilwar, S.R.Kargirwar and V.A.Tabhane; Macmillan Advanced Research Series **(2010)** Vol.3, 293-298, ISBN 10:0230-33193-9.
13.	**List of Papers Published in National and International Conferences -** 1. The 2nd International Conference on Nanomaterials and Advanced Composites (NAC 2019) organized by National Taiwan University of Science and Technology, Taipei, Taiwan

	Aug 8th-14th, 2019 "Electrospun Polyaniline/Polyacrylonitrile(PANI/PAN) Composite Nanofibers for Detection of Volatile Organic Gases." 2. 8th International Conference on Advanced Materials and performances, Pune July 11th -15th, 2017 "Synthesis of Polyaniline nanotubes by self assembly process". 3. International conference on new horizons in synthetic and material chemistry , Mumbai 26-28 Nov, 2015 "Removal of sulfonated dyes from waste water by adsorption method using conducting polyaniline nanotubes". 4.International Conference of Materials and Advanced Technology, Singapore Jun 30 – Jul 5, 2013. "Adsorption of Sulfonated Dyes Using Self-doping Polyanilines Synthesized by Self-assembly Process". 5. National Conference on Advance Material and Technology, Nagpur Dec 29 – 30, 2009 Department of Chemistry, Shri. Shivaji Science College "Self doping effects on the morphology, electrochemical and conductivity properties of self-assembled polyaniline of polyaniline doped with organic acids". 6. International conference on Nanomaterials and Applications, Kolhapur Dec 9 – 11, 2008 Department of Chemistry, Shivaji University "Synthesis of Polyanilline Nanotubes".
13.	**Achievements** 1. Selected and participated in Taiwan-India Exchange Project at National Taiwan University of Science & Technology, Taipei, Taiwan on Aug 08-14, 2019. 2. Received second prize in Intercollegiate Science exhibition under Yuva Mahotsava-2009 at Shivaji Science College, Nagpur
14	**Invited Lectures in FDP/ STTP – Nil**