Curriculum Vitae

Name: Rohini Pandurang Gawade
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Tel.: +91- 9604984389

Educational Background

July 2016– June 2018 **Master of Science, Fergusson College, Savitribai Phule Pune University, Maharashtra, India.**

Major subject: Physics

CGPA obtained: 7.66 (A grade)

Project Topic: Synthesis and characterization of Graphene like nano flakes using rapid thermal chemical vapour deposition (RT-CVD) and its defence applications.

June 2013– June 2016 **Bachelor of Science, Sir Parshurambhau College, Savitribai Phule Pune University, Maharashtra, India.**

Major subject: Physics

Marks obtained: 76.75% (First class with distinction)

Working Experience

Doing Ph. D. at Dr. Babasaheb Ambedkar Technological University, Lonere, Raigad.

Technical / Experimental Skills

Computer skills: Microsoft Word, Excel, Power Point, C Programming, Origin, Matlab, Phonon, Comsol Multiphysics etc.

Experimental: Fourier Transform Infrared Spectroscopy (FT-IR), Ultra violet visible spectroscopy (UV-Vis), X-Ray Diffraction (XRD), Raman Spectroscopy, Atomic Forced Microscopy (AFM), Photolithography etc.

Honors and Awards

1. Best Performer Award in Science Exhibition of Gravity event at Fergusson College, Pune.
2. Rajarshi Shahu Maharaj Scholarship.

Publications: (Journal/ articles)

1. Chinke, S., **Gawade R.**, Alegaonkar, P. (2019). Synthesis and characterization of Graphene-like nano ribbons (GNR) using chemical vapor deposition for shock absorbent application. *AIP Proceedings*.(Accepted)
2. Chinke, S., **Gawade R.**, Alegaonkar, P. (2019). Synthesis and Characterization of Graphene- Like Nano Flakes (GNF) using Chemical Vapor Deposition. *AIP Proceedings*.(Accepted)
3. **Gawade, R.**, Alegaonkar, P., Effect of rocket propulsion exhaust on thermos-physical properties of graphite nozzle. (Under preparation)

Book Chapter

1. **Gawade, R.**, Chinke, S., Alegaonkar, P., Ch. 10, Polymers in Cosmetics, Polymer Applications in the Modern World, Elsevier. (Revised manuscript submitted)

International Conferences

1. Oral presentation on "Synthesis and characterization of graphene like nano carbon using chemical vapor deposition" at 2nd International Conference on Nano Science and Engineering Applications, held during 4th to 6th Oct 2018 at Center for nanotechnology, JNTUH, Hyderabad, India.
2. Attended the 5th International conference on Nanoscience and Nanotechnology- ICONN2019, held during 28th - 30th Jan. 2019 at SRM Institute, Chennai, India.
3. Poster presentation on "Synthesis and characterization of Graphene- like nano flakes (GNF), using chemical vapor deposition" at International Conference of Advanced and Basic Sciences, held during 7th - 9th Feb. 2019 at GDC memorial College, Haryana, India.
4. "Ferro-Nano-Carbon Split Ring Resonators a Bianisotropic Metamaterial in X-Band."
   R. P. Gawade, S. G. Dahotre [6th International Conference on Nanoscience and Nanotechnology (Virtual Conference)] which is held on February 01-03, 2021 at SRM University, Chennai.
5. "Synthesis of Graphene like Nano Carbon for Sustainable Development in Energy Sector."
   R. P. Gawade, S. G. Dahotre, L. N. Singh (One Day International Conference on 'Perspectives of Preparing and Implementing the Swachh Bharat Abhiyan') which is held at Birla college, Kalyan on Saturday 6th March 2021.
   (Awarded First Prize for the paper presentation)

Training and Workshops

1. National Workshop on Small and Wide-Angle X-Ray Scattering (SWAXS) 2018 Jointly Organized by Department of Metallurgical and Materials Engineering, DIAT and Anton-Paar (India) Date: 12th–13th December 2018.

Interests

Reading, Listening & Singing Songs, Rangoli, Mehandi, Organizing events and games.

Personal Strength

Positive Attitude, Helpful Nature, Hard Working, Belief on myself.

Personal Information

Name: Rohini Pandurang Gawade.

Father's Name: Pandurang Mallikarjuna Gawade.

Mother's Name: Pallavi

Date of Birth: 05th June, 1995.

Gender: Female

Nationality: Indian

Permanent Address: At Post: Uplai (BK), Taluka- Madha, District- Solapur 413209, MH, India.

I hereby declared that whatever stated above in my resume is true to the best of my knowledge.

Date:

Place: Pune

Signature

Ms. Rohini Pandurang Gawade