

## CONTACT

# Dr Ravina Jhanjhariya



Village - Jatheri, Post office - PS Rai, Sonipat, Haryana, Pin code - 131029

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## GOOGLE SCHOLAR

- <https://scholar.google.com/citations?user=Ou7m08sAAAAJ&hl=en>

## PERSONAL DETAILS

- Date of Birth : 17/01/1996
- Marital Status : Unmarried
- Nationality : Indian

## OBJECTIVE

I look for demanding chances that allow me to put all of my skills to work for the organization's success. Along with improving myself, I want to help everyone else grow as well.

## EXPERIENCE

1 July 2025 - Till now

- **Assistant Professor**  
Seth Gayniram Banshidhar Podar College Nawalgarh  
Working as an assistant professor in physics department.

10 January 2025 - 30 April 2025

- **Assistant Professor**  
Madhav university  
Working as assistant professor in physics department.

## EDUCATION

2012

- **Jai Bharat Modern school, Janti kalan Sonipat**  
10th  
6.2 /10

2014

- **Rishikul Vidyapeeth, Sonipat**  
12th  
62%

2017

- **Gita vidya mandir girls college, Sonipat**  
B Sc  
69.24

2019

- **Banasthali Vidyapeeth, Tonk Rajasthan**  
M.Sc (Physics)  
6.46/10

2025

- **Banasthali Vidyapeeth, Tonk Rajasthan**  
PhD  
75.71%

## DISSERTATION

- Study of Arduino with emphasis on Control Circuits on Automation, Mirinda House,

## SKILLS

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- MS office
- Flexible and Adaptable
- Team building
- Computer Proficiency
- Good Listening skills

## TECHNICAL SKILLS

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- XRD Handling
- Raman Handling
- UV-Visible Spectroscopy
- FE-SEM Handling
- FTIR Handling
- PL (Photoluminescence Spectroscopy)

## CONFERENCE

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- Presented a paper titled " Exploring Structural, Optical and Raman Studies of Co<sub>3</sub>O<sub>4</sub> nanoparticles" in 2nd International conference on Startup Ventures : Technology development and Future Strategies (SV - TDFS 2022).
- Poster presentation on titled " Synergistic effect of electrolytes on the electrochemical performance of CoFe<sub>2</sub>O<sub>4</sub> nanoparticles as anode materials for supercapacitor applications" in 28th International Conference on Nuclear Tracks and Radiation Measurements (ICNTRM - 2023).
- Presented a paper titled " Exploring Study of structural, optical and electrochemical properties of Co<sub>3</sub>O<sub>4</sub> nanoparticles for energy storage application " in International Conference on Energy Materials and Rechargeable Batteries (ICEMRB - 2023)
- Presented a paper titled " Study of Optical, structural and electrochemical characteristics of ZnO/CNT nanoparticle for energy storage applications " in 1st International Conference on Recent Advancements in applied sciences and technology (ICRAAST 2024)

## PUBLICATIONS

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- **Structural optical and Raman Studies of Co<sub>3</sub>O<sub>4</sub> nanoparticles**  
Ravina and Dr. Parvez Ahamed Alvi  
Materials Today: Proceeding  
2023
- **Synthesis and Investigations of structural, surface morphology, electrochemical and electrical properties of NiFe<sub>2</sub>O<sub>4</sub> nanoparticles for usages in supercapacitor**  
Ravina and Shalendra kumar  
Journal of Material Science: Materials in Electronics  
2023
- **Study of structural, surface morphology, Raman spectroscopy and Electrochemical properties of Bi(1+x)FeO<sub>3</sub> nanoparticles for usage in supercapacitor applications**  
Ravina and Garima Srivastava and Dr parvez Ahmad Alvi  
Optical and Quantum Electronics  
2023
- **Synergistic effect of electrolytes on the electrochemical performance of CoFe<sub>2</sub>O<sub>4</sub> nanoparticles as anode materials for supercapacitor applications**  
Ravina and Shalendra kumar  
Journal of Electronic Materials  
2024
- **Study of structural, optical and surface and electrochemical properties of Co<sub>3</sub>O<sub>4</sub> nanoparticles for energy storage applications**  
Ravina and Dr Parvez Ahamed Alvi  
Interactions  
2024

- **Exploration of optical, structural and electrochemical properties of MnO<sub>2</sub>/Mn<sub>2</sub>O<sub>3</sub> nanocomposite as anode materials for energy storage applications**  
Ravina and Dr Parvez Ahamed Alvi  
physica status solidi (b)  
2024
- **Reinforcing the characteristics of recyclable PVA/PVDF polymer blend via ZnO nanofiller**  
Ravina and Shivratn Saini  
Optical and Quantum Electronics  
2024
- **Synthesis and characterizations of MnO<sub>2</sub>/CNT nanocomposite for usage as electrodes in high performance supercapacitor**  
Ravina and Saurabh Dalela  
Nano Trends  
2024
- **Tuning the properties of novel and biodegradable ethyl-cellulose (EC)/rGO nanocomposite**  
Ravina and Kamal Kumar Khichar  
International Journal of Polymer Analysis and Characterization  
2025
- **Exploration of optical, structural, and electrochemical properties of ZnO/MWCNTs nanocomposites for usage in supercapacitor**  
Ravina and Dr Parvez Ahamed Alvi  
Journal of Energy Storage  
2025

## TRAINING SKILLS

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- Workshop on emerging research in Microwave and RF technologies under scientific social responsibility (SSR)
- Workshop on Application of NMR organized by Banasthali Vidyapeeth
- Hands on training on sophisticated instrumental for materials science under STUTI, Bundelkhand University, Jhansi
- Patent Awareness workshop
- Research instruments for emerging materials and technology under STUTI, Banaras Hindu University (BHU)
- Experimental methods for nanotechnology Research, under STUTI, Banasthali Vidyapeeth

## MANAGEMENT AND SERVICING

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- STUTI ( Synergistic Training Program Utilising the Scientific and technology Infrastructure)Banasthali Vidyapeeth 2023
- National Social Scheme (NSS) 2015-2017

## SOFTWARE SKILLS

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- Origin Software
- Full proof Suits
- Vesta Software
- Image Jsoftware
- X'pert High Score
- EIS spectrum Analyzer

## HOBBIES

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- Learning  
Photography  
Cooking

## LANGUAGES

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- English
- Hindi