

## *Curricular Vitae*

### **Dr. Gajanan Lalsing Jadhav**

Assistant Professor

Department of Physics

**SSEA'S SCIENCE COLLEGE**

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Find Me @:

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- **Profile:** I am fully devoted and passionately committed to my professional duties. My areas of research, writing and presentations revolves around Ferrite Material thin films and emerging technologies in thin films.
- **Academic Identity:**  
**Vidwan-ID:** 544436  
**Orchid ID:** 0000-0002-0503-5443
- **Working As an Assistant Professor in SSEA'S Science College Congress Nagar, Nagpur.**
- **Joining Date:** 17/10/2019
- **Personal Information:**  
**Date of Birth:** 14/07/1982  
**Marital Status:** Married  
**Nationality:** Indian  
**Gender:** Male  
**Mother Tongue:** Marathi  
**Qualification:** M.Sc. B.Ed. Ph.D. Physics (Specialization Electronics)

### **Professional Experience:**

- ✓ Since 17/10/2019 - Working as an Assistant Professor at **SSESA'S SCIENCE COLLEGE CONGRESS NAGAR Nagpur.**
- ✓ 2<sup>nd</sup> Jan 2014 – 23<sup>rd</sup> June 2018 – Worked as TGT and PGT – Teacher at **Jain International School Aurangabad.**
- ✓ 1<sup>st</sup> July 2011-31<sup>st</sup> Dec 2013 – worked as a Lecturer in Department of Physics on CHB permanent non-granted basis junior and Senior College at **Shiv Chhatrapati College Cidco N-3, Aurangabad.**

### **Educational Qualification:**

- ✓ **PH. D. – 08/04/2019** – Dr. Babasaheb Ambedkar Marathwada university Aurangabad.
- ✓ **P.G. (physics) - June 2009** – Dr. Babasaheb Ambedkar Marathwada university Aurangabad.
- ✓ **B. ed. - 18/06/2007** – Rashtrasant Tukdoji Maharaj Nagpur University Nagpur.
- ✓ **Graduation (B. Sc.) – 17 June 2005** - Dr. Babasaheb Ambedkar Marathwada university Aurangabad.

### **Induction/Refresher Programmes:**

- ✓ **10<sup>th</sup> Jan to 22<sup>nd</sup> Jan 2022:** - UGC Sponsored Online Refresher Course at UGC Human Resource Development Centre Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur.
- ✓ **1<sup>st</sup> September to 30 September 2020:** – 4-week Induction Programme held by Teaching Learning Center, Ramanujan College University of Delhi Under aegis of Ministry of Human Resource Development Pandit Madan Mohan Malviya National Mission on Teachers and teaching.
- ✓ **23<sup>rd</sup> November 23<sup>rd</sup> December 2020:** - UGC Sponsored Online Faculty Induction Programme organized by UGC Human Resource Development Centre Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur.

### **Certificates:**

- ✓ **27<sup>th</sup> January 2024** - Attended One Day National Seminar on “**Life and Work of S. N. Bose**” held by Indian Association of Physics Teachers and SSESA' Science College Congress Nagar, Nagpur on online mode.

- ✓ **20<sup>th</sup> May 2020** – Webinar on “**New Education Policy post Covid – 19**” organized by IQAC of SSES’S Science College Congress Nagar Nagpur.
- ✓ **29-04-2020** – **Covid-19 Awareness Program** organized by G H Raison College of Engineering Nagpur.
- ✓ **14-05-2020** – **Quiz on “Scientists Who Received Nobel Prize in Physics”** organized by IQAC and Dept of physics SSVSS’s Raje Ramrao Mahavidyalaya Jath Dist. Sangli.
- ✓ **06/02/2020** – **MOOCS Awareness Programme** organized by IQAC LCLPSPM’S Indira Gandhi Kala Mahavidyalaya, Ralegaon Dist. Yavatmal.

#### **Workshop/Training:**

- ✓ **21<sup>st</sup> to 23<sup>rd</sup> December 2021- MS-DEED Level one Workshop on Introduction to Innovative Pedagogies for UG Teachers**
- ✓ **24<sup>th</sup> to 26<sup>th</sup> May 2021: Three Days Online Workshop on “Development of ICT Skills for online teaching among teachers of HEI’S”** Organized by Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur. Board of University Departments and Interdisciplinary Studies.
- ✓ **March 9-30, 2017 - UGC – SAP National Seminar on Material Science, X-ray and Gamma Ray Spectroscopies** organized by Dept. of Physics Dr. Babasaheb Ambedkar Marathwada University Aurangabad.
- ✓ **10<sup>th</sup> June to 5<sup>th</sup> July 2024 (4 Weeks) - Online Workshop on Developing AI Applications in the Physics domain with Python**
- ✓ **28-29 August 2024 – Computer Interfaced Physics Experiments using EXPEyes-17/SeeLab3**

#### **Conferences:**

- ✓ **3<sup>rd</sup> Jan to 7 Jan 2023** - has participated in the 108<sup>th</sup> **Indian Science Congress** held at RTMNU, Nagpur, Maharashtra.
- ✓ **16<sup>th</sup> July 2022** – “**Back to Brick-and-Mortar Learning Developing Advanced Teaching Methods for the New Age Graduate**” organized by ICFAI IBS Business school.
- ✓ **5<sup>th</sup> January 2022** - Certificate Course on Udemy A Boot Camp to Special Theory of relativity
- ✓ **13<sup>th</sup> – 16<sup>th</sup> Feb 2020** – **International Conference on Advances in Physical, Chemical and Mathematical Sciences.** Organized by Department of Physics RTM Nagpur University Nagpur.

- ✓ **27 – 28, 2019 – The Indian Science Congress Association, Kolkata, Sponsored National Conference on Science, and technology: Rural development (Sustainable Development through Science and technology.)**
- ✓ **14<sup>th</sup> Feb 2019 - One day National Conference on Nanomaterials and their Applications** organized by MSP Mandals Arts, Commerce and Science College Kille-Dharur, Dist. Beed.
- ✓ **1<sup>st</sup> Dec 2018 - National Conference on Nanostructured Materials and Nanotechnology** organized by MSP Mandal's Shri Muktanand College Gangapur, Dist. Aurangabad
- ✓ **21<sup>st</sup> Jan 2017 - National Conference on Innovation in Nanomaterials and Nanotechnology** organized by MSSPM'S Rajarshi Shahu Arts, Commerce and Science College Pathri Dist. Aurangabad.

#### **Publications:**

- ✓ Structural, Optical and Magnetic Properties of Diamagnetic Cd<sup>2+</sup> Incorporated Cobalt Ferrite Thin Films Deposited by Spray Pyrolysis: **Journal of Electronic Materials, Springer Accepted 30 August 2021**
- ✓ Effect of magnesium substitution on the structural, morphological, optical and wettability properties of Cobalt ferrite thin films: **Physica B Condensed matter** 555 (2019) 61-68 Accepted 23 November 2018.
- ✓ Pyrolytic Spray Deposition and Characterization of Nanocrystalline Cobalt Ferrite Thin Film: **2017 JETIR September 2017, Volume 4 Issue 6 (ISSN-2349-5162)**
- ✓ Spray Deposition, Structural Characterizations, and Infrared Properties of Divalent Cd<sup>2+</sup> Substituted Cobalt Ferrite Thin Films **IOSR Journal of Engineering.**

#### **Book Chapter:**

- ✓ **28 Feb 2024- Thin Films by Spray pyrolysis: A versatile technique** ISBN: 978-81-970491-2-5 Interdisciplinary Research in Science and Technology, An edited Book, Rushi Publication.
- ✓ **Optical properties of Cobalt Ferrite Thin Films Prepared by Spray Pyrolysis method: ISBN: 9 78-81-961-555-0-6** Advanced Research in Science and Technology, An Edited Book, Rushi Publications.

#### **Paper Presentation in Conference:**

- ✓ **13<sup>th</sup> – 16<sup>th</sup> Feb 2020 – Oral presentation in International Conference on Advances in Physical, Chemical and Mathematical Sciences. “Optical Properties of Cobalt ferrite Thin film**

**Prepared by Spray Pyrolysis Technique”** Organized by Department of physics RTM Nagpur University Nagpur.

- ✓ **18 September 2024** – Oral presentation in One Day International Multidisciplinary Conference on Climate Change: Contemporary Challenges with Local to Global Perspectives at Nagpur on the topic of "**Applications of nanotechnology in the realm of renewable energy.**"

**Invited lectures Colleges/Conferences / Seminars:**

- ✓ Resource person in the value-added **Course on “Renewable energy source”** held by SSES’s Shri Shivaji science and arts college chikhali, Dist. Buldhana
- ✓ 30-03-2024 Guest lecture on Magnetic Materials at Anjuman college of Engineering and Technology Nagpur.

**Positions are held in different organizations/ Associations:**

- ✓ **Treasurer IAPT-SUB-RC-08E (Vidarbha Region)** – Working as a Treasurer of Indian Association of Physics Teachers Sub-Regional Council-08 E for the Vidarbha Region.

**College Administrative Committees:**

- ✓ **Convener-** Value Education and Extension Activities
- ✓ **Convener** – Publicity and Digitalization Committee
- ✓ **Convener-** Internal Committee (Provision of Right of Persons with disability Act-2016)
- ✓ **Member** – Student Council
- ✓ **Member** – Admission Committee
- ✓ **Member** – Training and Placement

