

Curriculum Vitae

1. **NAME:** Dr. SHITAL N. JADHAV

2. **CORRESPONDING ADDRESS:**

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3. **PERMANENT ADDRESS:**

C/O DR S.G. JADHAV, AT: CHINCHAVALI, POST: GOREGAON, TAL:
MANGAON, DIST: RAIGAD. PIN: 402103

4. **NATIONALITY:** INDIAN

5. **DATE OF BIRTH:** 04/01/1980

6. **RESERVED CATEGORY:** NT-1

7. **AREA OF SPECILISATION:** Physics

8. **QUALIFICATION DETAILS:**

Examination	Name of Board/Univ.	Year of Passing	Class/ Division	Subjects
Ph. D.	RTMNU, Nagpur	Nov 11, 2019	--	---
M. Phil	SGB Amaravati University	2009	II	Physics
M.SC.	SGB Amaravati University	2002	I	Physics
B.Ed.	SGB Amaravati University	2004	I	--
B.SC.	SGB Amaravati University	2000	I	Physics
H.S.C	Amravati Board	1997	II	--
S.S.C.	Amravati Board	1995	Distinction	--

9. **TEACHING EXPERIENCE:** 15 Years

10. WORKSHOP ATTENDED:

Sr. No.	Name of Course/Conferences	Organizer	Category	From	To	Weeks /Days
01	Short Term Training Program	DBATU, Lonere	TEQIP-III	15/10/2019	19/10/2019	05
02	Workshop on National Education Policy 2019	DBATU, Lonere	TEQIP-III	26/09/2019	---	01
03	Women's empowerment through higher education	Online	TEQIP-III	21/01/2021	25/01/2021	05
04	Workshop on Characterization of Nanomaterials and applications	DBATU, Lonere		22/05/2023	26/05/2023	05

11. ADMINISTRATIVE EXPERIENCE:

- In charge of admission cell during the first-year admission in 2010 in SSOSP College of Diploma Engineering, Nagothane, Raigad.
- Head of Science and Humanities department from 2010 to 2011 in SSOSP College of Diploma Engineering, Nagothane, Raigad.
- Arranged guest lecture for first year students in SGGS, Nanded in 2015.
- Cultural Coordinator in Matoshri Prathishthan CoE, Nanded for Youth festival 2016
- Worked in various committees as a member of International Conference in SGGSIE&T, 2015.
- Developed Physics lab with experiments and charts at SGGS Nanded and DBATU, Lonere.

12. BOOK PUBLISHED:

- Published e-Book, "Engineering Physics-I" as per the syllabus of Mumbai University in November 2021
- Published e-book, "Engineering Physics" as per the syllabus of Dr. B. A. T. University, Lonere in April 2022, ISBN: 978-81-957290-4-3
- Published Book Engineering Physics as per the syllabus of Dr. B. A. T. University, Lonere in Nov. 2022, ISBN: 978-81-957290-4-3

13. CONTRIBUTION TO NEP:

- Translated one book of "Applied Physics-II" in Marathi as National level contribution given by AICTE

14. Ph.D. TITLE: “Study of Structural and Electrical Characterization of PVA Doped Thin Films”

15. PUBLICATIONS:

● **INTERNATIONAL JOURNAL:**

1. S S More, R J Dhokne and S V Mohril, “Study on structural characterization and dielectric properties of PVA-TiO₂ composite” IOSR-JAP, Volume 8, Issue 3 (3), 2016
2. Shital More, Ragini Dhokne and Sanjiv Moharil, “Dielectric relaxation and electric modulus of polyvinyl alcohol-Zinc oxide composite films” Mater. Res. Express 4(2017) 055302
3. Shital More, Ragini Dhokne and Sanjiv Moharil, “Structural properties and temperature dependence dielectric properties of PVA-Al₂O₃ composite thin films” Polym. Bull. (2017) DOI 10.1007/s00289-017-2069-0
4. Dhokne, Ragini, Shital More, and Nilesh Pathare. "Structural and dielectric relaxation study of polyvinyl-alcohol titanium dioxide composite films." AIP Conference Proceedings. Vol. 2104. No. 1. AIP Publishing LLC, 2019.
5. “Synthesis and Characterization of Magnetite and Cobalt Ferrite Nanoparticles by Sol-Gel Auto Combustion Technique”, S. D. Raut, S. G. Dahotre, L. N. Singh, S. N. Jadhav “International Journal of Innovation in engineering and Science ISSN- 2456-3463”, Vol 6 Number 10, 2021 <http://doi.org/10.46335/IJIES.2021.6.10.4>
6. “Structural and Magnetic Studies of Co_xFe_{3-x}O₄ By Sol-gel Auto combustion Technique For Spintronics Applications” S. D. Raut, S. G. Dahotre, L. N. Singh, S. N. Jadhav GIS Journal Page No: 644-662 DOI:20.18001.GSJ.2021.V8I9.21.38018 <http://www.gisscience.net/VOLUME-8-ISSUE-9-2021/>
7. “Synthesized cobalt substituted magnetite (Co_xFe_{3-x}O₄) nanoparticles – Evaluation of structural, optical and magnetic properties”, Supriya Raut, Sangita Dahotre, Vikas Shinde, Shital Jadhav Advanced Powder materials, 2022, 100061, ISSN 2772-834X, <https://doi.org/10.1016/j.apmate.2022.100061>.

● **INTERNATIONAL CONFERENCE:**

1.	S S More, R J Dhokne and S V Mohril, “Study of AC electrical conductivity of PVA-TiO ₂ composite polymer films” ICEEE, IETE Cynosure 2013, 2013.
2.	Ragini Dhokne, Shital More, and Nilesh Pathare, “Structural and dielectric relaxation study of polyvinyl-alcohol titanium dioxide composite films”, AIP Conference Proceedings 2104, 020030 (2019)

3.	6th International conference on 'perspectives of preparing and Implementing the swachh Bharat Abhiyan'-6th march 2021 at Birla College, "Synthesis of Cobalt Substituted Magnetite for energy storage and minimization of e-waste."S.D. Raut, S.G. Dahotre, L. N. Singh, S. N. Jadhav
4.	One Day Virtual International Conference on Recent Advances in Engineering, Science and Technology-2021 (ICRAEST-2021) 16 July, 2021 Paper Presented: "Synthesis and Characterization of Magnetite and Cobalt Ferrite Nanoparticles by Sol-Gel Auto Combustion Technique" S. D. Raut, S. G. Dahotre, L. N. Singh, S. N. Jadhav.
5.	Advanced Technologies in Chemical, Construction and Mechanical Sciences (ICATCHCOME 2023) 9-10 Feb2023, KPR Institute of Engineering and Technology, Coimbatore, Tamilnadu, Paper presented: "Investigationof Structural and Magnetic effect of Ca ²⁺ doped Ferrous Ferric Ferrite Nanoparticles Via Sol-Gel Autocombustion Synthesis" S. D. Raut, S. G. Dahotre, L. N. Singh, S. N. Jadhav

● **NATIONAL CONFERENCE:**

1.	S S More, R J Dhokne and S V Mohril, "Study on structural and electrical properties of Polyvinyl Alcohol- TiO ₂ doped thin films" NCRASET 2016
2.	S S More, R J Dhokne and S V Mohril, "Dielectric relaxation and electric modulus study of PVA/ZnO composite films" NCRASET 2017.
3.	One day National Conference on "Climate change and youth:time for action", wednesday 12 th January 2022, B.K. Birla College(Autonomous), Kalyan Paper Presented " Study of magnetite Nonoparticles for Spintronics Applications: A brief review" S. D. Raut, S. G. Dahotre, S. N. Jadhav.
4.	One day National Conference on "Climate change and youth:time for action", wednesday 12 th January 2022, B.K. Birla College(Autonomous), Kalyan Paper Presented " Study of magnetite Nonoparticles for Spintronics Applications: A brief review" S. D. Raut, S. G. Dahotre, S. N.Jadhav.

16. REVIEWER:

As a Paper Reviewer for following renowned journals:

- i) Elsevier, Physica B
- ii) Springer, Polymer Bulletin
- iii) Heliyon Journal

(Dr. Shital More-Jadhav)