

Curricular Vitae

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PERSONEL PROFILE:

Date of Birth: 10th September 1965

Permanent Address:

At/Post- Taluka – Rahata, Dist- Ahmenagar

EDUCATION DETAILS:

Sr. No.	Degree	Year of Passing	University	Subject
01	B.Sc.	1988	University of Pune, Pune	Physics
02	M.Sc.	1990	University of Pune, Pune	Physics
03	Ph.D.	2011	Shivaji University, Kolhapur, Maharashtra.	Physics

****Ph. D Title:** Studies on Growth and Characterization of n-CdIn₂Se₄/p-CdTe Heterojunction Solar cells

Guide: Dr. C.H. Bhosale., Department of Physics, Shivaji University, Vidyanagar Kolhapur

COMPUTER AWARENESS/CERTIFICATE COURSES:

Course Name	Board/Institute	Grade
MS- CIT	MKCL-Pune	Pass (75%)

EXPERIENCE:

Sr. No.	Post	Name of the Institute/College
01	Lecturer	Dada Patil Mahavidyalaya, Karjat
02	Lecturer	S.M.Joshi College Hadapsar
03	Lecturer	Modern College Vashi, Navi Mumbai
04	Lecturer	Mahatma Phule Mahavidyalaya, Pimpri
05	Lecturer	S.S.G.M. College, Kopargaon
06	Lecturer	Vir Vajekar College, Phunde
07	Associate Professor	Dada Patil Mahavidyalaya, Karjat

BOOK/ BOOK CHAPTER PUBLISHED

Sr. No.	Title of Book/Book chapter/	ISSN/ISBN No.	Year of Publication
01	Chapter: Effect of different detergents on surface tension of water. Publisher: E-book Book: Theory, Perspective and Practices Across Disciplines.	ISBN 978-93-5619-925-5	01/04/2022
02	Chapter: Primary Results of LPG Sensing on	ISBN: 978-93-	May 2022

	Polypyrrole Sensing. (Pg 98-104) Publisher: Bhumi Publisher, Kolhapur Book: Thin Film Technologies and It's Novelities in Material Science	91768-93-5	
03	Book: Thin Film Technologies and It's Novelities in Material Science Publisher: Bhumi Publisher, Kolhapur Chapter: Physical Deposition Techniques for thin film formation. (Pg-13-20)	ISBN: 978-93-91768-93-5	May 2022

Conference Organized/coordinate:

Conference	Contribution	Description
PN2021 28-30 July 2021	Member	International E-conference on Polymer and Nanocomposites 2021 Organized By: Engineered Science Publisher, USA. In Association with Department of Physics, Dada Patil Mahavidyalaya, Karjat.

JOURNAL PUBLICATION:

Sr. No.	Research Paper	Year
1	Physical properties of spray deposited CdTe thin films: PEC performance, VM Nikale, SS Shinde, CH Bhosale, KY Rajpure, Journal of Semiconductors 32 (3), 033001	2011
2	Properties of spray-deposited CdIn ₂ Se ₄ thin films for photovoltaic applications, VM Nikale, CH Bhosale, Solar energy materials and solar cells 82 (1-2), 3-10	2004
3	Structural and optical properties of spray-deposited CdIn ₂ Se ₄ thin films, VM Nikale, NS Gaikwad, KY Rajpure, CH Bhosale, Materials chemistry and physics 78 (2), 363-366	2003
4	Photoelectrochemical performance of sprayed n-CdIn ₂ Se ₄ photoanodes, VM Nikale, SS Shinde, AR Babar, CH Bhosale, KY Rajpure, Solar Energy 85 (2), 325-333	2011
5	The n-CdIn ₂ Se ₄ /p-CdTe heterojunction solar cells, VM Nikale, SS Shinde, AR Babar, CH Bhosale, KY Rajpure, Solar Energy 85 (7), 1336-1342	2011
6	Effect of substrate temperature on spray deposited CdIn ₂ Se ₄ thin films, VM Nikale, UB Suryavanshi, CH Bhosale, Materials Science and Engineering: B 134 (1), 94-98	2006
7	Substrate dependent properties of electrodeposited EuTe thin films, NS Gaikwad, VM Nikale, CH Bhosale, Journal of Physics and Chemistry of Solids 64 (5), 723-730	2003
8	Structural, morphological and electrical properties of spray deposited CdIn ₂ Se ₄ thin films, VM Nikale, SS Shinde, CH Bhosale, KY Rajpure, Journal of alloys and compounds 509 (6), 3116-3121	2011
9	Growth and Characterization of Single Crystals of Pure and L-Alanine Doped Zink Tris-Thiourea Sulphate, YAP M A Patil ,S G Thube, V M Nikale, Journal of the Maharaja Sayajirao University of Baroda 55 (2), 174-178	2021
10	To Study the Effect of Variation of Resistance in LCR Series AC Circuits, MA Patil, SG Thube, VM Nikale, SM Thorat, Journal of	2021

	Emerging Technologies and Innovative Research 8 (6), 622-626	
11	Measurement of Solar Constant using Simple Route, SG Thube, VM Nikale, MA Patil, Journal of Emerging Technologies and Innovative Research 8 (3), 1362-1366	2021
12	Studies on Growth and Characterization of CdS Thin Films Deposited by Chemical Bath Deposition Technique, VM Nikale, SG Thube, MA Patil, International Journal of Creative Research Thoughts (IJCRT) 9 (3), 3240-3244	2021
13	Radiation Pattern of Led's, SG Thube, MA Patil, VM Nikale, YA Pathak, Research Journey International Multidisciplinary E-Research Journal, 58-60	2019
14	Substrate Temperature Dependent Properties of Spray Deposited CdTe Thin Films, VM Nikale, SG Thube, MA Patil, YA Pathak, International Journal of Science and Engineering, 103-106,	2018
15	Concentration dependant structural and optical properties of spray deposited CdTe thin films, CH Bhosale, DM Sapkal, VM Nikale, SS Shinde,	2011
16	Effect of substrate temperature on the structural properties of spray deposited CdTe thin films, CH Bhosale, DM Sapkal, VM Nikale, SS Shinde,	2011
17	(Photo) electrochemical investigations on spray deposited n-CdIn ₂ Se ₄ thin film/polysulphide /c photoelectrochemical solar cell, VM Nikale, SS Shinde, AR Babar, CH Bhosale, KY Rajpure, Applied Solar Energy 46 (3), 194-201	2010
18	Studies on growth and characterization of nCdIn ₂ Se ₄ pCdTe heterojunction solar cells, VM Nikale, K.Y. Rajpure, C.H. Bhosale	

Conference /Seminar/Symposium/workshop (19):

Yours Sincerely

(Dr. Vasant M. Nikale)