

CURRICULUM VITAE

Mr. Vipul M. Prakshale

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Current Address:

Shree Ganesh, building No
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Hotagi Road, Civil Line
Solapur, M.S –India.
Pin -413003

Permanent Address:

Shree Ganesh, building No 1,
Rajesh Kumar Nagar, Hotagi
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Highlights

- Currently working as Assistant Professor in PAH Solapur University, Solapur.
- Ph.D* in Physics from PAH Solapur University, Solapur.
- Overall experience: 5 years.
- M.Sc. Physics (Applied Electronics) from PAH Solapur University, Solapur Maharashtra.
- Publications: International Journals: 15, International Conferences: 05

Objectives

To secure higher position in Organization/ University by grasping knowledge & implementing innovative ideas for profit making and growth of the same.

EDUCATION

Ph.D * (Physics)

Studies on $Zn_xCd_{1-x}Se$ Thin films for optoelectronics Applications

M.Sc Physics (Applied Electronics)

School of Physical sciences 2012.

Solapur University Solapur.

B.Sc Physics

Dayananad College of Arts & Science. Solapur 2009.

Solapur University, Solapur.

Higher School Certificate

Dayananad College of Arts & Science. Solapur 2003.

Maharashtra State Board of Technical Education, Pune.

Secondary School Certificate

Modern high school, Solapur 2001.

Maharashtra State Board of Technical Education, Pune.

SOFTSKILL

- MS-Office
- Origin 8
- X-pert High score

RESEARCH PUBLICATION

Name of Author/s	Year of publications	Title of the Paper	Name of Journa	Volume	Page Nos.	IF
G.T. Chavan, V.M. Prakshale , S.T. Pawar, A. Sikora, S.S. Kamble, L.P. Deshmukh	2018	A route to efficient optoelectronic devices using Cd _{1-x} In _x Se thin films	J. Alloys Compd,	750	706-714.	3.133
G.T. Chavan, S.T. Pawar, V. M. Prakshale , A. Sikora, S.M. Pawar, N. B. Chaure, S.S. Kamble, N.N. Maldar and L.P. Deshmukh.	2017	Quaternary schematics for property engineering of CdSe thin films.	J. Appl. Surf. Sci.	426	466–479	3.15
G.T. Chavan, S.T. Pawar, V.M. Prakshale , S.M. Pawar, S. Ezugwu, N.B. Chaure, S.S. Kamble, N.N. Maldar, L.P. Deshmukh,	2017	Direct Synthesis of Quaternary Cd(Zn, S)Se Thin Films : Effects of Composition	Mat. Sci. Semi. Process.	71	447-453.	2.359
G.T. Chavan, V. M. Prakshale , S.T. Pawar, P.R. Deshmukh, A. Sikora, S.S. Kamble, N.N. Maldar, L.P. Deshmukh,	2017	Morphology improvements in CdSe thin films: A realization through mechanical agitation and incubation period	Nano-Structures & Nano-Objects	12	113–120.	--

S. T Pawar, G T Chavan, V M Prakshale , S R Jadkar, S S Kamble, N N Maldar, L.P Deshmukh	2017	Probing into the optical and electrical properties of hybrid Zn _{1-x} Co _x Se thin films	J. of Mat. Sci.: Mat. in Ele.	29	3704–3714.	2.019
S. T. Pawar, G. T. Chavan, V. M. Prakshale , A. Sikora, S. M. Pawar, S. S. Kamble, N. N. Maldar and L. P. Deshmukh	2017	Physical, structural and topographical aspects of Zn _{1-x} Co _x Se thin films	Mat. Sci. Semi. Process.	61	71–78	2.359
S. L. Deshmukh, P. C. Pingale, G. T. Chavan, S. T. Pawar, V. M. Prakshale , S. S. Kamble, S. R. Jadkar, N. B. Chaure, C. S. Gopinath, N. N. Maldar and L. P. Deshmukh,	2016	Compositional dependence of electrical conduction in solution grown Zn _{1-x} Cr _x Se thin films: a correlation	J. of Mat. Sci.: Mat. in Ele.	28	5070–5074	2.019
S. T. Pawar, S. S. Kamble, S. M. Pawar, A. Sikora, G. T. Chavan, V. M. Prakshale , P. R. Deshmukh, L. P. Deshmukh	2016	Chemo-synthesis and microstructural evolution of Zn _{1-x} Co _x Se thin films	Mat. Letters	179	95-99	2.572

S.T. Pawar, S.S. Kamble, S.M. Pawar, G.T. Chavan, V.M. Prakshale , N.B. Chaure, S.L. Deshmukh, N.N. Maldar, L.P. Deshmukh	2016	Constraints for ZnSe Thin Film Growth and Stoichiometry Regulation	J. of Mat. Sci.: Mat. in Ele.	27	10582-10591	2.019
V. M. Prakshale , S. T. Pawar, G. T. Chavan , U. K. H. Bangi, S. S. Kamble, S. L. Deshmukh, N. N. Maldar, L. P. Deshmukh	2015	Chemical Deposition And Crystallographic Studies Of CdTe Thin Films	Avishkar – Solapur University Research Journal	4	29-34.	--
L. P. Deshmukh, V. M. Prakshale , G. T. Chavan , S. T. Pawar, S. S. Kamble, S. L. Deshmukh, N. B. Chaure and N. N. Maldar	2015	Electrochemical Photovoltaic Studies Of N-Zn _{1-x} Cr _x Se/NH ₄ Cl/C Cells	Avishkar – Solapur University Research Journal	4	1- 8.	--
V.D.Bachuwar, V.M.Prakshale . A.D.Shaligram ,L.P.Deshmukh	2015	Deployment of Wireless Sensor Network for Efficient Irrigation	Avishkar – Solapur University Research Journal	4	1-4	---
V.M. Prakshale , G.T. Chavan, S.T. Pawar, U.K.H. Bangi, A. Sikora, S.S Kamble, N.B. Chaure, N.N. Maldar and L.P. Deshmukh	2018	Some characteristics of chemically grown Cd _{1-x} Zn _x Se thin films	AIP Proceedings	Accepted	--	--

G.T. Chavan, S.T. Pawar, V.M. Prakshale , M.S. Mane, S. Ezugwu, S.S. Kamble, N.B. Chaure, N.N. Maldar and L.P. Deshmukh	2018	Fabrication of Nanocrystalline Cd(Zn, S)Se Thin Films for PV-Application: An Electrochemical Approach	AIP Proceedings	Accepted	--	--
S.T. Pawar, G.T. Chavan, V.M. Prakshale , A. Sikora, S.M. Pawar, S.S. Kamble, N.N. Maldar and L.P. Deshmukh	2018	Solution Grown ZnSe:Co Nanocrystalline Thin Films: The Characteristics Properties	AIP Proceedings	Accepted	--	--
G.T. Chavan, S.T. Pawar, V.M. Prakshale , A. Sikora, S. R. Jadkar, S.S. Kamble, L.P. Deshmukh	2019	Cadmium based II-VI quaternary photo electrode for electrochemical PV applications: Synthesis and Characterization	J. Alloys Compd.	Under review	--	--
S.L. Deshmukh, G.T. Chavan, S.T. Pawar, V.M. Prakshale , A. Sikora, N. B. Chaure, S.S. Kamble, L.P. Deshmukh	2019	Microstructural Evolution and Optoelectronic Characteristics of Cd _{1-x} In _x Se Thin Films	Mat. Chem. Phys.	MATCHEMPHYS-D-17-01688 (under review)	--	--
S.T. Pawar, V.M. Prakshale , G.T. Chavan, P.R. Deshmukh, S.S. Kamble, W.G. Shin, L.P. Deshmukh	2018	Upgrading properties of ZnSe thin films by means of quaternary (Co ²⁺ , Cd ²⁺) doping	Mat. Chem. Phys.	MATCHEMPHYS-D-17-03696, (In Press).	--	

WORK EXPERIENCE

Sr No	Designation	Organization / Institute	Duration	
			From	To
1	Lecturer	Kai. Shahajirao Patil, junior College of Arts & Science, Narkhed, Mohol, Solapur	July,2012	Mar, 2014
2	Asst. Professor	School of Physical Sciences, Solapur University, Solapur.	June,2016	April,2018
3	Asst. Professor	School of Physical Sciences, Solapur University, Solapur	June, 2019	Till date

Publication summary

	Google Scholar	Scopus
Citations	45	41
H-index	4	4
I10-index	2	

Skills/ Personal Qualities

- Team work
- Self-Motivation
- Dedication
- Accuracy
- Conflict Management
- Time Management

Mr. Vipul M. Prakshale