

PROFILE

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Residence:

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- 1.Life member of Indian Association of Physics Teachers.
- 2.Life member of Indian Science Congress Association.
- 3.Life member of Vishveswaraya Multipurpose Society, Nagpur
- 4.Life member of Shivaji University Physics Teachers Association
- 5.Life member of Fule Ambedkar Shahu Teacher Association (FASTA).
- 6.Centre In charge of NGPEXam. Organized by IAPT Bombay.
- 7.Life member of Shivaji University of Teacher Association (SUTA).

Minor Research project completed: Research Grant Received:

Title of MRP	Sanctioned Amount	Date of Sanctioned	Funding agency
Synthesis and characterization of Yttrium Telluride thin films by electro deposition method.	Rs.150000/-	File No. 47-443/12(WRO) 05 March2013	UGC

Title Of Ph.D.- Investigations on Surface Deformation In Yttrium and Lead Chalcogenide Films Using Holographic Interferometry Technique.

- Permanent recognition as a P.G.teacher,/M.Phil/,Ph.D. guide of Shivaji University, Kolhapur, India.

Approval No. SU/PGBUTR/Recog/107 dated 20/02/2013

Coordinator- 1) Teli-Vision and Video Production
2) Wireman- Karmavir Koushalya Kendra
3) MIS-AISHE

Area of Research Interest:

Material science, Holography, Electrodeposition thin film deposition Synthesis ,characterisation and applications

Teaching Experience: UG: 27 years

PG: 04 Years

Research Publications:

- 1) The Characterization of Electrodeposited YSe Thin Films by using Double Exposure Holographic Interferometry Technique. R.D.Mane, P.P.Chikode, R.D.Tasgaonkar, B.M.Sargar V.J.Fulari, M.B.Dongare The Research View ISSN- 2321-9777 Volume I No.1 Page No 52 to 56 (2013).
- 2) The Study of electrodeposited PbS thin films using double exposure holography Interferometry technique R.D.Mane P.P.Chikode B.M.Sargar M.B.Dongare International Journal of Researches in Biosciences , Agriculture & Technology ISSN- 2347-517X Page No.-300 -303(2015)
- 3) Determination of intrinsic stress due to Lead Selenide thin films using double exposure holographic interferometry R.D.Mane,P.P.Chikode, M.B.Dongare International Journal of Researches in Biosciences , Agriculture & Technology ISSN- 2347-8266 (2017) Page No.224-228

Papers Presented in Conferences / Workshops/ Seminars/ Symposia

Sr. No.	Title	Author	Name of Journal
1	Poissions Ratios of some metals using Holographic Interferometry	R.D.Mane, P.P.Chikode and M.B.Dongare*	Proceedings of International Conference on Laser Applications and Optical Metrology (ICLAOM-2003), I.I.T. New Delhi, 1-4 December 2003, 422-224.
2	Double Exposure Holographic Interferometry technique used for studing PbTe electrodeposited thin film.	R.D.Mane , S.J.pawar, V.J.Fulari and M.B.Dongre*	Campaign On University Research and Training (COURT), Shivaji University, Kolhapur, on 5-6 October 2006.
3	The study of electrodeposited PbS thin films using Double exposure holography interferometry technique.	R.D. Mane, S.J.Pawar, S.V.Gaikwad, P.P.Chikode, V.J.Fulari and M.B. Dongare*	Proceedings of the National Conference On Photonics for Advanced Technology (NCPAT), Ponnaiyah Ramajayam groupof Institutions Prec campus, Vallam, Tanjavur, 22-24 February 2007.

4	Synthesis and characterization of PbSe thin film by using Double exposure holography interferometry (DEHI).	R.D.Mane, P.P.Chikode, V.J.Fulari and M.B. Dongare*	National Symposium On Atomic, Molecular and Laser Physics (NSAMLP) , Banaras Hindu University, Varanasi,17-19 March 2007.
5	Synthesis and characterization of PbTe thin film by using Double exposure holography interferometry (DEHI).	R.D.Mane and M.B. Dongare*	National Seminar on Nanotechnology and Consumer products (NSNC), 10-11 August 2007. at Tanjavur.
6	Lead Telluride electrodeposited thin film using DEHI technique.	R.D.Mane, V.J.Fulari and M.B. Dongare*	International Conference on Advanced Materials and Applications (ICAMA -2007), on 15-17 Nov.2007 at Shivaji University, Kolhapur.
7	Studies on lead telluride electrodeposited thin films by using holographic interferometry.	R.D.Mane, S.V.Gaikwad, V.J.Fulari, and M.B.Dongare*	International Conference on Advanced Materials and Applications- 2007 (ICAMA- 2007) Department of Physics, Shivaji University, Kolhapur
8	Solvent extraction of Cr(VI) with high molecular weight amine International Conference on Optics and Optoelectronics, IRDE, Dehradun.	R.D.Mane, B.M.Sargar, R.D.Tasgaonkar	National seminar on Chemistry and its role in Human development on 26 th March 2012 at Dr.Patangrao Kadam Mahavidyalaya,Sangali.
9	By using double exposure holographic interferometry technique to study the electrodeposited YSe thin films.	R.D. Mane, P.P. Chikode, B.M. sargar and M.B. Dongare	1 st International conference on Physics of materials and Materials based device fabrication (ICPM-MDF-2012).
10	The characterization of electrodeposited YSe thin film by using DEHI technique'	R.D. Mane, P.P. Chikode, and M.B. Dongare	International Journal of Humanities,Social,Applied and Natural Sciences at Jaysingpur college, Jaysingpur on September 2013.
	synthesis and characterization of Mn doped and undoped on ZnO by combustion method.	R.D.Mane, B.M.Sargar, R.D.Tasgaonkar	UGC Sponsored InterNational conference on 'Emerging Horizons in Biochemical Sciences and Nanomaterials on 28 th -30 th November 2013 at Shri Shivaji Mahavidyalaya,Barshi.
11	The study of Electrodeposited PBS thin films using Double	R.D. Mane, P.P. Chikode, B.M. sargar and M.B.	2 nd International conference on Science and Technology for society 2015 at Colombo, Srilanka.

	Exposure holography interferometry technique.	Dongare	
12	The study of Electrodeposited YTe thin films	R.D. Mane, P.P. Chikode, B.M. sargar and M.B. Dongare	International conference on Science and Technology for society 2016 at Shahu College,Kolhapur.
13	Determination of intrinsic stress due to Lead Selenide thin films using double exposure holographic interferometry	R.D. Mane, P.P. Chikode, and M.B. Dongare	International conference on Science and Technology For Society ICSTS-2017 during 11 to 13 May 2017 at MDIS Singapore.
14	Studies of Yttrium Telluride Electrodeposited Thin Films.	R.D.Mane P.P.Chikode M.B.Dongare	Proceeding of International conference on advances in materials Science ISBN 978-93-5254-490-5.

Poster Presented in Conferences :

Sr. No	Name Of Conference	Date	Title of paper	Organizer
1	National seminar on "New Horizons in Physics"	20, 21 Jan 2007	Investigations on Ion optical properties of MoO ₃ thin films synthesized by spray paralyis techniques	Dept. Of Phy Yashvantrao institute of Science, Satara
2	18 th AGM, Material Research Society of India (MRSI) Theme Symposian Material For energy generation Conservation & storage	12, 14 Feb 2007	Highly textured thin films synthesized by spray paralyis techniques	NPL, New Delhi, Idia
3	International Conference on advanced material's & applications	15-17 Nov. 2007	Electro chromic properties of MoO ₃ thin films synthesized by spray paralyis techniques	Dept of Phy SUK
4	International Conference on nanomaterial's & applications	9-11 Dec 2008	Effect of substrate temperature On structural optical and electrochromic properties of spray deposited molybdenium oxide thin films.	Dept of Phy. & Chem .SUK
5	International workshop on Nanotechnology & Advanced Functional Materials	9-11 July 2009	Studies on structural and electrochromic properties of spray deposited thin films.	NCL Pune
6	National seminar on Advanced Materials	19-20 March 2010	Synthesis and charcterisation of spray pyrolised nanocrystalline CeO ₂ -SiO ₂ thin films for electro chromic applications.	Dept of Phy SUK
	1 st International conference on Physics of materials and Materials based device fabrication (ICPM-MDF-2012)	2012	By using double exposure holographic interferometry technique to study the electrodeposited YSe thin films	DST,BRNS, UGC
	National seminar on Chemistry and its role in Human development on .	26 th March 2012	Solvent extraction of Cr(VI) with high molecular weight amine International Conference on Optics and Optoelectronics, IRDE, Dehradun	UGC Dr.Patangrao Kadam Mahavidyalaya, Sangali

7	Two day National Conference	28 th – 29 th October 2013.	Emerging Trends in Lasers and Advanced Materials'	MES Abasaheb Garware College,Pune
8	Inter National conference on Emerging Horizons in Biochemical Sciences and Nanomaterials	28 th - 30 th November 2013	synthesis and characterization of Mn doped and undoped on ZnO by combustion method.	Shri Shivaji Mahavidyalaya, Barshi
	Two day international conference on	6 th &7 th February 2016.	Studies on Yttrium Telluride Electrodeposited thin films	Shahu College, Kolhapur
	Two day international conference	7 th &8 th December 2016.	Studies on Yttrium Telluride Electrodeposited thin films	Raje Ramrao Mahavidyalaya, Jath.
9	National Conference on Materials and Environmental Science (NCMES-2017)	15 th February 2017	Nondestructive studies using digital holographic interferometry	Shri Yashvantrao Patil Science College, Solankur.
	International Conference on Applied Nanotechnology and Nanoscience (ICANN2017)	7 th to 9 th December 2017	Studies on NO ₂ sensing properties of Ni _{0.8} Cd _{0.2} Fe ₂ O ₄ ferrite nanoparticles	Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati.
7	International conference on Materials and Environmental Science	7 & 8 Dec. 2018	Investigations of defects in cyramic tiles using thermal and mechanical stressing using double exposure digital holographic interferometry	SUK & YC College, Solankur
	National Conference on recent trends in chemical sciences and	6 th January	Diffusivity studies of Mutual butanol solution using off axis digital	Shri Yashvantrao Patil Science

	its interdisciplinary applications	2018	holographic Interferometry	College, Solankur.
8	One day national conference on science and technology for sustainable development	20 Jan 2019	Study of ZnO-NiO Heterojunction as a Gas Sensor	Jaysingpur College, Jaysingpur
9	One day national conference on science and technology for sustainable development	20 Jan 2019	Synthesis and characterisation of ZnO thin film by using chemical bath deposition	Jaysingpur College, Jaysingpur
10	One day national conference on science and technology for sustainable development	20 Jan 2019	Structural and morphological studies of CdS thin film deposited by SILAR method	Jaysingpur College, Jaysingpur

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