

Resume



Name : MAHINDRAKAR ROHINI MANIKRAO

Designation : Asst. Professor, Dept.Of Physics

Qualification : M.Sc. (Physics), B.Ed. ,M.Phil, Ph.D.

Specialization : Electronics.

Date of Appointment :30 Sept 2011

Teaching Experience :11 Years.

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:: Research Papers/ Conference Proceedings/ Paper Presented

Sr.No	Title of paper presented	Title of conference and Venue	Year
1	Electrical And Dielectric Properties Of Cu-Mn Ferrite System	Dr.BAM University, Aurangabad	12,13 Aug.2007
2	X-Ray and Dielectric Properties of Silica Doped Nickel Zinc Ferrites	NCANDT 2010 Shrikrishna Mahavidyalaya, Gunjoti	10,11/02/2010
3	Electrical and Dielectric properties of Zirconium doped Nickel-Zinc ferrite.	Recent Trends in Spectroscopy MP Mahavidyalaya,Murum	12,13 March2010
4	X-Ray and IR analysis of Si Substituted Ni-Zn Ferrites	National Conference on Non Conventional Energy Sources for Rural Development of	5,6/09/2014

		at MGM, Ahmedpur	
5.	"FTIR and optical Absorption studies of CuSe ₂ Thin film".	National Conference on Recent Advances in Science. Organized by Shivaji A.C.S College ,Kannad, Dist. Aurangabad	13 Feb 2020
6.	Structural study of Zirconium (Zr ⁴⁺) doped Ni-Zn Ferrite.	International conference on Physics and Allied Sciences(ICPAS-2020) organized by BVB college, Bidar	11,12,13 March 2020.
7.	Impact of The Covid-19 Pandemic on Education	International online conference On Researches in 21th century : A Global Perspectives Solapur University ,Solapur	18 th May 2021
8.	Studies on growth of CISE ₂ spray deposited thin films.	Organized by Vasantrao Naik A.C.S.College, Sahada in collaboration with K.B.C.N.Maharashtra University ,Jalgaon	on 20 June 2020.

::Research Papers published in Journals

Sr. No.	Title of Research Paper	Authers	Journal	ISSN/IS BN No	Date of Publication
1	Paper – [X-ray And Dielectric Properties of Silica doped Nickel Zinc Ferrites] Bionano Frontier ----- From 91 To 94	MahindrakarRohini ,Algude S.G., D.S.Birajdar	Bionano Frontier	0974-0678	National – [10-02-2010]
2	Electrical And Dielectric Properties of Zirconium Doped Nickel-Zinc ferrite] International Journal of Systems Biology 17 From 10 To 12	R.M.Mahindrakar, S.T.Chavan, D.S.Birajdar	International Society of Science and Technology , Mumbai		National – [12-03-2010]
3	Fundamental Information of Neel's Theory of Ferrimagnetism P.No. 243 – 247	R.M. Mahindrakar	Research arena A multi-disciplinary international refereed research journal	ISSN 2320-6263	Jan-2017
4	Magnetic Properties of Ni-Zn Ferrite prepared with the standard ceramic Method. Page No. 165-	R.M. Mahindrakar	Social Science Reporter, A peer reviewed inter-	ISSN 2331-0789	Feb 2018

	170,		disciplinary international research journal		
5	The Magnetic Properties of Ferrite Material: An Overview.	R.M. Mahindrakar	A Multi-disciplinary international refereed research journal	ISSN 2320-6263	March 2018
6.	Structural and Infra-red Analysis of $\text{Ni}_{0.7+x}\text{Zn}_{0.3}\text{Zr}_x\text{Fe}_{2-2x}\text{O}_4$ system.	R.M. Mahindrakar	Printing Area, Peer Reviewed International Refereed Research Journal.	ISSN 2394-5303 Issue 60, Vol 03 61-65,	Dec-2019
7.	"FTIR and optical Absorption studies of CuSe ₂ Thin film".	R. V. Suryawanshi G.D.Tingare, R.M. Mahindrakar	Our Heritage	ISSN:0474-9030 Vol -68, Special Issue -38	13 Feb 2020
7.	Structural study of Zirconium (Zr^{4+}) doped Ni-Zn Ferrite,	R.M. Mahindrakar	International conference on Physics and Allied Sciences(ICPAS-2020)organized by BVB college, Bidar 11,12,13 March 2020	ISBN 978-93-5406-213-1	11,12,13 March 2020
8.	Covid-19 and Its Impact on Health	R.M. Mahindrakar, R. V. Suryawanshi	Journal of Research & Development' A Multidisciplinary International level Referred and Peer Reviewed Journal	ISSN: 2230-9578, 20 July 2021 Vol.-11, issue-25	May 2021
9.	Covid-19 and Its Impact on Agriculture	R. V. Suryawanshi, R.M. Mahindrakar	'Journal of Research & Development' A Multidisciplinary International level Referred and Peer Reviewed Journal.	ISSN: 2230-9578, 20 July 2021 Vol.-11, issue-25	May 2021
10.	Impact of The Covid-19 Pandemic on Education	R. V. Suryawanshi, R.M. Mahindrakar	A Peer-Reviewed Multi-Disciplinary International Journal Indexed in Indian Citation Index, Impact	ISSN 2231-2137	18 th May 2021

			Factor: 4.58 (CIF		
11.	Impact of Covid – 19 on Indian students and Teachers	R. V. Suryawanshi, R.M. Mahindrakar	COVID 19 Pandemic and India	ISBN97 816387 34413	2021
12.	COVID 19 Crisis and India	R. V. Suryawanshi, R.M. Mahindrakar	COVID 19 Crisis and India ADHYAYA Publishers & Distributers Delhi (India) 1st Edition 2021	ISBN 978-81- 952607 -7-5	1 st Edition 2021
13.	Ajanta-An International Multidisciplinary Quarterly Research Journal	R.M.Mahindrakar	Peer Reviewed Referred and UGC listed Journal Journal No. 40776	ISSN: 2277- 5730 Impact Factor20 20- 6.306	Volume- XI Issue II April-June- 2022
14.	Electric and Magnetic Properties of Synthesized Ni- Cu-Zn Ferrites	B.D.Ingale R.M.Mahindrakar, R. V. Suryawanshi	International Journal of Research in Engineering and Science(IJRES)	ISSN(On line):23 20- 9364,IS SN(Print) 2320- 9356	2021 PP 66-70 www.ijres.org Vol -09 Issue -11

:: Research Publications- Books, Chapters, Articles etc.

Sr.No.	Authersy	Title of Book	Publication	ISBN No.	Year
1	Dr.S.S.Shinde, Dr.R.M.Mahindrakar	Physics-I	ChinmayPrakashan	978-93- 81048-80-4	2013-14
2	Dr.S.S.Shinde, Dr.R.M.Mahindrakar	Physics-II	ChinmayPrakashan	978-93- 81054-81-4	2013-14
3	Dr.S.S.Shinde, Dr.R.M.Mahindrakar	Physics-III	ChinmayPrakashan	2394-4072	2014-15

4	Dr. D.S. Birajdar, Dr. RohiniMahindrakar	Book [Physics For College Student]	S.Chand and Company Pvt. Ltd.	81-219-4059-X	2014-15
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:: Seminars/Conferences/Workshops Attended

Sr. No.	Title and Venue of Conference	Venue	Year
1	Regional level Seminar - Design of curriculum of B.Sc. Physics Course	Shrikrishna Mahavidyalaya, Gunjoti	9 Sept 2006
2	National Conference on Current trends in materials research for advanced technology	DR.BAMU, Aurangabad	29,30,31 Oct 2007
3	State level Seminar on nanotechnology	S.C.S.College, Omerga	6 Oct 2008
4	The National Conference on “Advancements in nano-science for different technologies.”	ShrikrishnaMahavidyalaya, Gunjoti	10-11 Feb 2010
5	National Conference on Nano Structured Materials and Their Applications.	M.P. M, Murum	12-13 March 2010
6	National Conference on Nanotechnology.	Maharashtra Mahavidyalaya, Nilanga	7,8 Sept 2012
7	National conference on Physics and Chemistry of Advanced Materials.	C.B. Khedgi's Basaveshwar Science, R.V. Commerce, R.J. Art's college, Akkalkot.	18,19 December 2013
8	National Conference on Non Conventional Energy Sources for Rural Development of at MGM, Ahmedpur.	MGM, Ahmedpur	5,6 September 2014
9	National Conference on Material science & Technology at Milliyya College, Beed.	Milliya College, Beed	23,24 December 2014
10	National conference on Material Synthesis for Device level Application.	R.P. College, Osmanabad	29,30 Jan 2015
11	National Seminar on ‘Empowering Students through effective teaching Learning Practices.’	D.A.V. Velankar College of Commerce, Solapur.	16 Dec 2017
12	One day Workshop on ‘Sexual harassment of women at workplace’.	Tarabai Shinde women's studies centre.	13 Jan 2018
13	National seminar on ‘Recent Advances in Green Chemistry and Physics.’	S.C.S.College, Omerga	27 April 2018
14	One day State level workshop on ‘Sexual Harassment of Women at Workplace.’	Milliya College, Beed	14 Aug 2018
15	Seminar on ‘Rural Area Women's Empowerment:- Challenges and Solution’	ShrikrishnaMahavidyalaya, Gunjoti	25,26 sept 2018
16	National Conference on ‘Advances in Condensed Matter Physics.’	D.B.F., Dayanand College, Solapur	28 Feb-2019
17	One day Workshop on Sexual Harassment of Women at Workplace	ICC, Milliyya A.S. and M. Science college, Beed	14 August 2018
18	Two day seminar on Rural Women Empowerment : Challenges and Remedies	Shri Krishna Mahavidyalaya Gunjoti	

19	National conference on “Advances in condensed matter Physics”.	Department of Physics D.B.F. Dayanand college of Arts and Science , Solapur	
20	Seminar on “E-Content development for learning Resourced “	Jawahar College, Andur.	9, 10 Aug 2019

:: Workshop/ Seminar organized:-

1. Organizer of one day workshop on “The sexual harassment of students and women at workplace (Prevention, Probation and Redressal) on 16 Feb 2017.
2. Organizer of one day State level Seminar on “Sexual Harassment of Women at workplace “ on 12 Jan 2018.
3. Organizer of one day workshop on sexual Harassment of women at workplace on 17 Jan 2019.
4. Organizer of two day Personality development training program for Girl students on 3,4th Dec 2019

:: Orientation and Refresher Courses:-

1. Attended one month UGC sponsored orientation program affiliated to Dr. B.A.M. University from 15/06/2015 to 11/07/2015.
2. Attended Refresher Course in Experimental Physics organized by HRDC University of Hyderabad from 29/10/2015 to 18/11/2015.
3. Attended Three week Refresher Course in “Recent Trends in Teaching- Learning Technology” Conducted by MHRD’s FDC PMMMNMTT, UGC HRDC centre Savitribai Phule, University Pune in collaboration with Solapur University, Solapur from 09/12/2018 to 29/12/2018.
4. Attended **Seven days online FDP on understanding new RAF of NAAC** Azad College, Ausa 18 April 24 April 2020
5. Attended **Five days online certificate course and assessment on Strategies to address the soft skill gap** organized by International Journal of Advance study and Research work 27 April to 1 May 2020.
6. Attended **Online FDP on Scilab** organized by R.S. College, Latur and Spoken Tutorial Project, IIT Bombay, PMMMNMIT 1st May to 7th May 2020.
7. Attended **One week online FDP on Open source tools for Research** organized by Ramanujan College, University of Delhi, MHRD & PMMMNMTT, from 8 to 14 June 2020.
8. Attended **Two day National workshop on Google Apps for education and Moodle** organized by Rajaram College Kolhapur 2 & 3rd July 2020.
9. Attended Two week FDP on “**Managing Online Classes and Co-creating MOOCs 3.0**” organized by Ramanujan College, University of Delhi, MHRD & PMMMNMTT, from 25th July to 10th August 2020.