

Resume



Name : Prof. Dr.Suresh Shankarrao Shinde

Designation : Head, Dept.of Physics

Pay Scale : Rs. 144200-218200

Qualification. : M.Sc. (Physics), Ph.D.

Specialization : Electronics.

Date of Appointment: 19th Aug.1986

Teaching Experience: 33 Years.

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I) Professional Development Activities

1) Seminars/Conferences/Workshops Attended

Sr. No	Title and Venue of Conference	Venue	Year
1	UGC workshop for computer Awareness in Education	BAMU, AURANGABAD	23-01-1995 TO 3-02-1995
2	Conference - ANNUAL SESSION OF NATIONAL ACADEMY OF SCIENCES	DR.BAMU, AURANGABAD	31-10-1996 TO 2-11-1996
3	CONVENTION - [ONVENTION OF INDIAN ASSOCIATION OF CPHYSICS TEACHERS	DR.BAMU, AURANGABAD	12-12-1996 TO 14-12-1996
4	SRMINAR - ACCREDITATION TO AUTONOMY	V.G. VAZE COLLEGE,MUMBAI	16-11-2002
5	Workshop - [ROGRAMMING IN C++	SWATANTRYAVEE R SAWARKAR MAHAVIDYALAYA BEED	22-04-2003 TO 23-04/2003
6	SEMINAR - NAAC'S PROCESS OF ASSESSMENT & ACCREDITATION	SCS COLLEGE,OMERGA	24-01-2003
7	Workshop - NAAC'S PROCESS OF ASSESSMENT OF ACCREDITATION	ASC COLLEGE ,NALDURG	2-02-2003
8	SEMINAR - SCIENCE & TECHNOLOGY OF THIN FILMS	RAJARSHI SHAHU MAHAVIDYALAYA ,LATUR	16-10-2004 TO 17-10-2004
9	Workshop - [WORKSHOP ON B.SC.PHYSICS PRACTICALS	MAULANA AZAD COLLEGE,AURANG ABAD	16-09-2005
10	SEMINAR - DESIGN OF B.Sc. PHYSICS COURSE	SHRIKRISHNA MAHAVIDYALAYA ,GUNJOTI	9-09-2006
11	Conference - CURRENT TRENDS IN MATERIALS RESEARCH FOR ADVANCED TECHNOLOGY	DR.BAMU,AURANG ABAD	29,30,31/10-2007
12	SEMINAR - [SEMINAR ON NANOTECHNOLOGY	SCS COLLEGE,OMERGA	6-10-2008
13	Workshop - CURRICULAR DESIGN & DEVELOPMENT IN B.Sc. PHYSICS	SHRIKRISHNA MAHAVIDYALAYA , GUNJOTI	24-02 2009
14	SEMINAR - NUCLEAR ENERGY FOR NATIONAL DEVELOPMANT	DAYANAND SCIENCE COLLEGE,LATUR	23,24-05-2009
15	Regional Lecture workshop on frontiers in Astronomy	Khedgi's Basaveshwar science college, Akkalkot	10,11-09- 2009

16	Regional Seminar on Innovation teaching	Khedgi's Basaveshwar science college, Akkalkot	12/09/2009
17	National Conference on Nano Structured Materials and Their Applications	Karmaveer Mamasahab Jagdale Mahavidyalaya, Washi	21/09/2009
18	National Conference on Advancement in Nano-science	MPM, Murum	12,13/03/2010
19	National Conference on Chemistry for Advanced Materials (urg)	Shrikrishna, Mahavidyalaya, Gunjoti	10,11/02/2010
20	One day seminar on Nanoscience and Nanotechnology	ASC College, Naldurg	1-3/03/2010
21	Short term training course – “Examination Reforms in Higher Education”	IMCC, Pune	5,6/02/2010
22	ICPM-MDF-2012, Shivaji University, Kolhapur	Shivaji University, Kolhapur	17 to 19 Jan. 2012
23	Recent Trends in Spectroscopy, Madhavrao Patil Mahavidyalaya, Murum	Madhavrao Patil Mahavidyalaya, Murum	15,16 Feb. 2012
24	National Conference on Advanced Synthesis of Nanomaterials and their applications.	.KBPM Pandharpur	17,18/09/2012
25	National Conference on Nanotechnology,	MM, Nilanga	7/8/09/2012
26	National Seminar on Innovative Teaching Methods in Physics,	Deogiri College, Aurangabad	12,13 Aug. 2013
27	National Seminar on Water Pollution and Water-Waste Management.	Jawahar Mahavidyalaya, Anadur	17,18 Feb. 2014
28	National Conference on Non Conventional Energy Sources for Rural Development of at MGM, Ahmedpur.	MGM, Ahmedpur	5,6 Dec 2014
29	National Conference on Material science & Technology at Milliya College, Beed.	Milliya College, Beed	23,24/12/2014
30	National Conference on Material science at KSK College, Beed	KSK College, Beed	12,13 Dec. 2014
31	National Conference on Medical Applications of Pulse Laser and Diagnostic Technique At Adarsh college Omerga	Adarsh college Omerga	27-28 Jan 2015
32	Workshop on B.Sc.III Syllabus, At Murum	MM, Murum	2014-15
33	Maharashtra State Commission for Women	Dr. B.A.M.U., A'Bad	March-2017
34	Advances in Condensed Matter Physics.	D.B.F., Dayanand College, Solapur	Feb-2019

2) Research Activities

1) Research Papers presented in Conferences

Sr.No	Title of paper presented	Title of conference and Venue	Year
1	X-RAY & INFRARED STUDIES OF CO-Sn-Fe-Cr system	Dr. BAMU,, AURANGABAD	29,31 JAN.2007
2	Mag. Behaviour of the spinel system $Co_{1.4-x}Zn_xSi_{0.4}Fe_{1.2}O_4$	NCANDT 2010 Shrikrishna Mahavidyalaya, Gunjoti	10,11/02/2010
3	IR Spectroscopic study of the spinel ferrite $Co_{1.4-x}Zn_xSi_{0.4}Fe_{1.2}O_4$	NCCAM – 2010 ASC College ,Naldurg	1-3/03/2010
4	Physical and magnetic Properties of spinel $Co_{1.5-x}Zn_xSi_{0.5}FeO_4$	Nano science and Nano technology present scenario Karmaveer Mamasahab Jagdale Mahavidyalaya, Washi	21/09/2009
5	Effect of Si substitution on physical and electrical properties of Co-Zn ferrite	ICPM-MDF-2012 Department of Physics, Shivaji University, Kolhapur	17 to 19 Jan. 2012
6	Studies of Ternary Na ₂ O-B ₂ O ₃ -SiO ₂ GLASSES	Recent Trends in Spectroscopy MP Mahavidyalaya, Murumli	15,16 Feb.2012
7	Structural & Electrical properties of the Spinel $Co_{1.4-x}Zn_xSi_{0.4}Fe_{1.2}O_4$	National Conference on Nanotechnology, (MM, Nilanga)	7,8/09/2012
8	A comparative study of innovative teaching methods in physics	National Seminar on Innovative Teaching Methods in Physics, Deogiri College, Aurangabad	12,13 Aug.2013
9	Water and Waste-Water energy Saving Technology at low cost	National Seminar on Water Pollution and Water-Waste Management, Jawahar College, Anandur	17,18 Feb.2014
10	X-Ray and IR analysis of Si Substituted Ni-Zn Ferrites	National Conference on Non Conventional Energy Sources for Rural Development of at MGM, Ahmedpur	5,6/09/2014
11	Electrical properties of Cadmium Substituted Copper Spinel Ferrites	National Conference on Material science at KSK College, Beed	12,13 Dec.2014

2) Research Papers published in Journals

Sr. No.	Title of Research Paper	Authers	Journal	ISSN/ISB N No	Date of Publication
1	Bulk Magnetic properties of Co ferrite doped with Si ions. pp 849-851	S.S.SHINDE,K.M.JADH AV	J.Mater Sci Lett.	0261-8028	02-03-1998
2	Elect and die electrical properties of Si substituted Co Ferrite. pp 63 - 67	S.S.SHINDE,K.M.JADH AV	MATERIALS LETTERS	00167-577X	06-03-1998
3	Magnetic properties of mixed spinel $Co_{1+x}SixFe_{2-2x}O_4$.	S.S.SHINDE,K.M.JADH AV,G.K.BICHILE,BIMAL S. TRIDIVEDI,R.G.KULKARNI	Bull. Mater. Sci.	0250-4307	05-10-1998
4	Gamma ray mass attenuation coefficient and atomic number measurement in zinc ferrite PP 16 - 29	R.H.Kadam,A.B.Kadam,D.R.Mane, SS.Shinde ,K.M.Jadhav	Bionano Frontier	0974-0678	10/02/2010
5	Mag. Properties of Phycrystalline mixed zn-Ti substituted Mg. Ferrites PP 32 - 35	A.B.Kadam, SS.Shinde ,R.H.Kadam,D.R.Mane,K.M.Jadhav	Bionano Frontier	0974-0678	10/02/2010
6	Structural and Mag. Properties of $Co_{0.7}Zn_{0.3}Fe_{2-x}Cr_xO_4$ PP100-104	S.G.Algude,K.S.Lohar,S.S.Shinde,K.M.Jadhav	Bionano Frontier	0974-0678	10/02/2010
7	Electrical and Dielectric Properties of Ge-Doped Cu. Zn Ferrite PP 105 - 111	A.S.Padampalle,S.T.Chavan,S.S.Shinde,D.S.Birajdar	Bionano Frontier	0974-0678	10/02/2010
8	Physical and Mag. Properties of Si doped Co-zn ferrite. PP 15 - 20	S.S.Shinde	J.Biomedical and Bioengineering	0976-8092	15/06/2010
9	Electrical properties of silicon substituted co-zn spinal Ferrite. PP 12 - 14	S.S.Shinde	J.Electronics and Electrical Engg	0976-8114	15/06/2010
10	D.C Resistivity and IR analysis of Al substituted Cobalt ferrites.	V.B.Kawade,S.T.Ahane,R.H.Kadam,S.S.Shinde,K.M.Jadhav	International j.l of basic and applied research	2249-3352	Dec.2012
11	Electrical properties of Cadmium Substituted Copper Spinel Ferrites	S.V.Rajmane,S.S.Shinde,S.V.Kshirsagar,K.M.Jadhav	International J. of Advanced Research in Basic & Applied Sciences	2394-4072	12/12/2014

12	Electrical Resistivity of the Mixed Spinel $\text{Co}_{1.5-y}\text{Zn}_y\text{Si}_{0.5}\text{Fe}_{1.0}\text{O}_4$	S.S.Shinde	Weekly Science	2321-7871	21/04/2016
13	ICT For Teaching and Learning	S.S.Shinde	Weekly Science	2321-7871	30/06/2016
14	X-ray and IR Study of Silicon Substituted Co-Zn Ferrite.	S.S.Shinde	Vidyawarta	2319-9318	July.2016
15	Structural and Physical Properties of Co-Zn Ferrite Doped With Silicon	S.S.Shinde	Indian Stream Research Journal	2230-7850	Aug.2016
16	Categories & Causes of Water Pollution	S.S.Shinde	Vidyawarta	2319-9318	Sept.2016
17	Physical Properties of the spinel Ferrite $\text{Co}_{1.5-x}\text{Zn}_x\text{Si}_{0.5}\text{FeO}_4$	S.S.Shinde	Vidyawarta	2319-9318	Oct.2016
18	Crystal Structure and Magnetic Interactions of Ferrites	S.S.Shinde	IJSR	2319-7064	Nov.2016
19	Magnetic Properties of Polycrystalline Mixed Zn-Si Substituted Cobalt Ferrite	S.S.Shinde	Indian Stream Research Journal	2230-7850	Nov.2016
20	History, Development and Applications Ferrites	S.S.Shinde	Vidyawarta	2319-9318	Dec.2016
21	Electrical properties of Co-Zn ferrite Doped with Silicon	S.S.Shinde	IJCRR	0975-5241	May-2017
22	Experimental Techniques to study Physical ,Electrical ,Dielectric and Magnetic Properties of Ferrites: A Survey	S.S.Shinde	IARJSET	2393-8021	May-2017

3) Books Published:

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

4) Minor/Major Research Projects:

Sr.No .	Principal investigator/ Co-Investigator	Title of Project	Agency	Amount	Period
1	Principal investigator	PHYSICAL,IR AND MAGNETIZATION STUDIES OF SOME FERRITE SYSTEMS	UGC	Rs.45000	2004-06
2	Co-Investigator	Chemical durability, optical & electrical studies of phosphate glasses	UGC	Rs.2,00,000	2010-12
3	Co-Investigator	Effect of dopant on the structural , electric and mag. Behavior of some nano-crystalline spinel ferrites prepared by sol-gel autocombustion method.	UGC	Rs.12,10,800	2013-16

II) Representation on various committees of University

Sr.No.	Committee	Designation	Year
1	Selection Committee. (SCS,Omerga)	Subject expert	2009-10
2	National organizing Committee of NCANDT – 2010	Member	2009-10
3	Question Paper Setting committee	Member	2010-11
4	Selection Committee of Assist. Prof .(Omerga).	Subject expert	2010-11
5	Redressal committee	Member	2011-12
6	Selection Committee of Assist. Prof .(Omerga).	Member	2011-12
7	Selection Committee for CAS at MPM,Murum	Member	2011-12
8	Paper assessment Committee at B.Sc.I	Chairman	2011-12
9	Redressal committee	Chairman	2012-13
10	Question paper setting committee,at B.Sc.II,Third Semester	Chairman	2012-13
11	B.Sc.I Syllabus setting committee (Invitee of BOS)	Member	2012-13
12	Selection Committee for CAS at ,Shrikrishna,Mahavidhaya,Gunjoti	Member	2012-13
13	Selection Committee for CAS at, SCS College,Omerga.	Member	2012-13
14	Redressal committee , B.Sc. III,IV,V Semester	Chairman	2013-14
15	Selection Committee for CAS at ,ShivajiCollege,Omerga.	Member	2013-14
16	Selection Committee for CAS at , Adarsh College, Omerga	Member	2014-15
17	Selection Committee for CAS at , Vivekanand College, Aurangabad	Member	2019
18	Selection Committee for CAS at , University Subcenter,Osmanabad	Member	2019
19	Selection Committee for the Post of Principal,Terna College,Osmanabad	Member	2019