

## BIO-DATA

A. Name and Full Address: **SHANKAR SANGAPPA DHASADE**

Department of Physics,  
Dr. Ganpatrao Deshmukh Mahavidyalaya,  
Sangola,  
Dist: Solapur,  
Maharashtra-413307



Institution: Department of Physics, Vidnyan Mahavidyalaya, Sangola,

Date of Birth: 01/06/1969

B. Age as on date of conference: 48 Years 6 Months

C. Whether belongs to SC/ST/OBC/PH NO

D. **Academic Qualification:**

Degree	Subject	University/Institution	Year
Ph. D	“Studies on effect of electron beam irradiation on copper chalcogenides thin films”	Shivaji university, Kolhapur	June-2013
M.Sc.	Solid state physics	Shivaji university, Kolhapur	1993
B. Sc.	physics	Shivaji university, Kolhapur	1991

E. **Work Experience: (in chronological order)**

Date	Work Experience
June-2013	Awarded Ph.D. in “Science” <b>Research Title: Studies on effect of electron beam irradiation on copper chalcogenides thin films</b>
September 1993-till date	Associate professor in physics for under graduate student, Department of Physics, Dr. Ganpatrao Deshmukh Mahavidyalaya, Sangola,

**F. Award/Prize/Certificate etc. won by the applicant:**

01	<b>First</b> prize in “ORAL PRESENTATION” at (NCPNA-2012)ISBN-13-978-81-925586-2-2
02	As <b>Reviewer</b> Assignments, Journal of solid state electrochemistry, Materials Science in Semiconductor Processing, journal of alloys and compounds
03	International Program committee Chair of 3rd ICMEME, 2013 3 <sup>rd</sup> International Conference on Mechanical Engineering, Materials and Energy, <b>Changsha, CHINA</b>
04	Programme committee member 2014 The 4th International Conference on Mechanical Engineering, Materials and energy (ICMEME2014) <b>Nov. 14-15 2014 Singapore</b>
05	Programme committee member The 2nd Annual International Conference on Intelligent Materials, Power and Energy (AIMPE15) will be held on April 11-12, 2015 in <b>Xiamen, China. AIMPE15</b>

**G. Publications:**

No	Description
01	A simple facile synthesis for phase transforming of $\delta$ -MnO <sub>2</sub> into $\alpha$ -MnO <sub>2</sub> and thereby enhancing Na-ion supercapacitive performance, Ionics-2024/3/8
02	Influence of Mn substitution on structural, electrical, and magnetic properties of Li <sub>0.5</sub> Fe <sub>2.5-x</sub> O <sub>4</sub> -Applied Physics A 130 (3), 183
03	Spongy-Network-like Polyaniline Thin Films as Electrodes for a Supercapacitor-Micro 2 (3), 541-548
04	FTIR and Electrical Properties of Cr Substituted Li <sub>0.5</sub> Fe <sub>2.5-x</sub> O <sub>4</sub> Synthesized Using Sol-Gel Auto Combustion-ECS Journal of Solid State Science and Technology 11 (5), 054010
05	Time-intended effect on electrochemical performance of hydrothermally reduced graphene oxide nanosheets: Design and study of solid-state symmetric supercapacitor- Journal of Materials Science: Materials in Electronics 32 (11), 14901-14918
06	NO <sub>2</sub> sensing properties of 3D flower-like ZnO nanostructure decorated with thin porous petals synthesized using a simple sol-gel drop-casting method-Applied Physics A 127, 1-11
07	Effect of particle size on the specific surface area, density, and porosity of Mg <sub>0.8</sub> Zn <sub>0.2</sub> CrxFe <sub>2-x</sub> O <sub>4</sub> - Int. J. Sci. Technol. Res. 9, 121-126
08	Magnetoelectric and magnetodielectric coupling in partially Ni-doped CoFe <sub>2</sub> O <sub>4</sub> and 0.15 (Ba <sub>0.7</sub> Ca <sub>0.3</sub> TiO <sub>3</sub> )–0.85 (BaZr <sub>0.2</sub> Ti <sub>0.8</sub> O <sub>3</sub> ) composites prepared via clean microwave sintering- Journal of Alloys and Compounds 849, 156599
09	Electrochemical Study of Galvanostatically Deposited Cr <sub>2</sub> O <sub>3</sub> Thin Film for Supercapacitor- Materials Focus 7 (3), 342-345
10	Synthesis of nanoflakes-like shapes of manganese sulfide grown at room temperature by electrodeposition method- Journal of the Chinese Advanced

	Materials Society 4 (3), 185-194
11	Structural, Morphological and Supercapacitive Performance of Electrodeposited PPy/Co <sub>3</sub> O <sub>4</sub> Thin Film
12	Synthesis of nanoflakes-like shapes of zinc sulfide grown at room temperature by electrodeposition method, J.S. Patil , S.S. Dhasade A.R. Babar , Swati Patil , V.J. Fulari, Superlattices and Microstructures 83 (2015) 565–574
15	Structural, Morphological and Optical Studies of ZnS Thin Films Produced by Electrodeposition Method, J. S. Patil, S.S Dhasade, J.V Thombare, V. J. Fulari, Journal of Shivaji University (Science & Technology), ISSN-Science-0250-5347, Volume No. 41 (2), 2014-2015
16	Studies on Synthesis and Characterization of Copper Sulfide Thin Films S.S Dhasade, J. S. Patil, J.V Thombare, V. J. Fulari, Journal of Shivaji University (Science & Technology, ISSN-Science-0250-5347, Volume No. 41 (2), 2014-2015
17	Synthesis of irradiated zinc sulfide nanoflakes for photo sensitive study J.S. Patil , S.S.Dhasade , M.C.Rath , J.V.Thombare , V.J.Fulari, Materials Science in Semiconductor Processing 26(2014)144–148
18	Copper sulfide nanorods grown at room temperature for photovoltaic application S.S. Dhasade, J.S. Patil , S.H. Han , M.C. Rath , V.J. Fulari, Materials Letters 90 (2013) 138–141
19	Irradiated MnS nanostructures: Surface wettability and photoluminescence properties, S.S. Dhasade , Swati Patil , M.C. Rath , V.J. Fulari , Materials Letters 98 (2013) 250–253
20	Synthesis of hollow spheres of copper sulfide by electron irradiation S.S. Dhasade , Swati Patil , B.B. Kale , S.H. Han , M.C. Rath , V.J. Fulari, Materials Letters 93 (2013) 316–318
21	Synthesis of hibiscus nanopetals like shapes of copper selenide by electron beam irradiation S.S. Dhasade, Swati Patil , M.C. Rath , J.V. Thombare , V.J. Fulari, Materials Letters 107 (2013) 265–268
22	Synthesis of CuS nanorods grown at room temperature by electrodeposition method S.S. Dhasade , J.S. Patil , J.H. Kim , S.H. Han , M.C. Rath , V.J. Fulari, Materials Chemistry and Physics 137 (2012) 353-358
23	Synthesis of cauliflower like shapes of copper telluride by electron beam Irradiation S.S. Dhasade, Swati Patil & M.C. Rath, J. Chin. Adv. Mater. Soc., 2014, 2, 171-178
24	Optical properties of electrochemically synthesized polypyrrole thin films: the electrolyte effect J. V. Thombare <sup>1</sup> , S. K. Shinde, G. M. Lohar, U. M. Chougale, S. S. Dhasade, H. D. Dhaygude, B. P. Relekar, and V. J. Fulari, Journal of Semiconductors Vol. 35, No. 6, June 2014
25	A nanostructured copper telluride thin film grown at room temperature by an electrodeposition method, S. S. Dhasade; S. H. Han, and V. J. Fulari, Journal of Semiconductors September Vol. 33, No. 9, 2012
26	Synthesis and Characterization of Copper Selenide Thin Films, S. S. Dhasade, J. S. Patil, M. C. Rath, V. J. Fulari, Proceeding of National seminar on Physics of Materials and Photonic Devices, 16-17 March 2012, ISBN No 978-81-920783-2-8, Page no 52-57

27	Nanostructured Copper Telluride Thin Films grown at room temperature by Electrodeposition Method, S.S.Dhasade, A. R. Babar, M. C. Rath, V. J. Fulari, Proceeding of National seminar on Physics of Materials and Photonic Devices, 16-17 March 2012, ISBN No 978-81-920783-2-8, Page no 91-97
28	Measurement of Properties of Electrodeposited CuSe Thin Films by Double Exposure Holographic Interferometry”, V.P.Malekar, P.M.Kulal, S.S.Dhasade, J. S. Patil and V. J. Fulari, Bionano Frontier, International Society of Science and Technology, ISSN 0974 – 0678 (2010) 9.
29	Electrochemical synthesis of polycrystalline Bi <sub>2</sub> Se <sub>3</sub> cabaggesP.M.Kulal, H.D. Dhaygude, S.S.Dhasade, J. S. Patil, M .B. Dongare, V. J. Fulari Proceeding of 2 <sup>nd</sup> National Conference on Nanomaterials and Nanotechnology Dec. 21-23 (2009) University of Lucknow, Uttar Pradesh. ISBN 93-80043-61-9. Page no. 32
30	Modification of structural, optical and surface wettability of Bismuth Sulphide thin films using electron beam irradiation”,N. S. Shinde, S.S.Dhasade, B. P. Relekar, V. J. Fulari,Conference on Nanomaterials and Nanotechnology Dec. 21-23 (2009) University of Lucknow, Uttar Pradesh. ISBN 978-93-80043-61-6.
31	Nanograins of copper sulfide thin films by electrodeposition, S.S.Dhasade, V.J.Fulari, National conference on physics of nanomaterials sans applications (NCPNA-2012)ISBN-13-978-81-925586-2-2
32	Formation of cubic nature phase of CuSe by electrodeposition, S.S.Dhasade, V.J.Fulari, National conference on physics of nanomaterials sans applications (NCPNA-2012)ISBN-13-978-81-925586-2-2
33	Studies on electrochemically synthesized polypyrrole (Ppy) thin films for supercapacitorapplication,Thombare,J.V. ; Lohar, G.M. ; Shinde, S.K. ; Chougale,U.M. ;Fulari,V.J. ; Kadam, A.B. ; Dhasade, S.S. ; Rath, M.C. ;Han, S.H. Energy Efficient Technologies for Sustainability (ICEETS), 2013 International Conference on Digital Object Identifier: 10.1109/ICEETS.2013.6533534 Publication Year: 2013 , Page(s): 1064 – 1067
34	Synthesis, Characterization and Surface Wettability Study of Polypyrrole Films: Effect of Applied Constant Current Density J.V. Thombare, G. M. Lohar, S. K. Shinde, S. S. Dhasade, M. C. Rath, and V.J. Fulari, Electron. Mater. Lett., 11 (2015) 266-270
35	Copper selenide nano rods grown at room temperature by electrodeposition S.S. Dhasade , J.V.Thombare , R.S.Gaikwad , S.V.Gaikwad , S.S. Kumbhare , Swati Patil, Materials Science in Semiconductor Processing 30 (2015) 48–55

### G. symposia/seminars etc.

01	Structural, optical and morphological properties of Electrodeposited copper Selenide films, S.S. Dhasade, J. S. Patil., J.V. Thombare, J.H. Kim, V. J. Fulari, ICPM-MDF-2012, Shivaji University, Kolhapur
02	Studies on synthesis and characterization of Copper Sulphide thin films, S.S.

	Dhasade, J.S. Patil, J.V. Thombare, J. H. Kim, V.J. Fulari, ICPM-MDF-2012, Shivaji University, Kolhapur
03	“Electrochemical synthesis of Bi <sub>2</sub> Se <sub>3</sub> thin film and its holographic study. M. Kulal, S.S.Dhasade, S. A. Gangavane, V.J.Fulari, ASMFM- 2009 Shivaji University, Kolhapur, Maharashtra.
04	Characterization of Copper Selenide Thin Films by DHEI Technique V. P. Malekar, S. A. Gangavane, S. S. Dhasade, J.S. Patil, V. J. Fulari International conference on Multifunctional Materials-2010 Banaras Hindu University, Varanasi (U.P.)
05	Electrodeposition of Polypyrrole by Potentiodynamic mode for supercapacitor application J. V. Thombare, S. S. Dhasade, J. S. Patil, V. J. Fulari NSPM-MDF-2011, SHIVAJI University, Kolhapur
06	Structural, morphological and optical studies of ZnS thin films produced by electrodeposition method, J.S. Patil, S.S. Dhasade, J.V. Thombare, Uday Jagtap, S. H. Han, V.J. Fulari, ICPM-MDF-2012, Shivaji University, Kolhapur
07	Structural and optical studies of electrodeposited ZnSe thin films, J.S. Patil, S.S. Dhasade, J.V. Thombare, P.M. Kulal, H.D. Dhaygude, S. H. Han, V.J. Fulari, ICPM-MDF-2012, Shivaji University, Kolhapur
08	Studies on properties of Silver telluride thin films by Double Exposure Holographic Interferometry” V. B. Prabhune, S. S. Dhasade, J. S. Patil, V. J. Fulari, M. B. Dongare National Symposium on advances in Laser and Spectroscopy” Feb. 27-28 (2009) Dr. Hari Sing Gaur Vishwavidyalaya, Saugar.
09	“Studies on surface deformation of Cadmium sulphide (CdS) thin films by Holographic Interferometry technique” S. A. Gangawane, S. D. Kamat, H.D. Dhaygude, S.S.Dhasade, V. J. Fulari National Symposium on advances in laser And spectroscopy- 2009, Sagar University, SAGAR (M.P.).
10	Effect of electron beam irradiation on the properties of electrodeposited arsenic trisulphide thin films, N.S. Shinde, B. P. Relekar, S.S. Dhasade, M. C. Rath, V. J. Fulari, National Seminar on Advanced Materials March 19-20 (2010) Shivaji University, Kolhapur, Maharashtra.
11	Characterization of Copper Selenide Thin Films by DEHI Technique V. P. Malekar, S. A. Gangawane, S.S.Dhasade, J.S.Patil, U.S.Raikar, V. J. Fulari, ICMM-2010, Banaras Hindu University, Varanasi.

### Workshop Attended

<b>01</b>	Solapur university, Solapur “Workshop on draft syllabus of B.Sc. II physics” organized by S.M. Mahavidyalaya, Akhuj-2014
<b>02</b>	Solapur university, Solapur “Workshop on draft syllabus of B.Sc. II physics” organized by C.B.Khedgi’s science college, Akkalkot- 5 <sup>th</sup> dec. 2011
<b>03</b>	75 <sup>th</sup> BRNS-IANCAS National workshop on Radiochemistry and Applications of Radioisotopes, organized by Solapur science centre and Indian association

	of nuclear chemists and allied scientists during, December 25-31,2010
<b>04</b>	One day workshop for science teachers organized at K.B.P. Mahavidyalaya, Pandharpur on 22 <sup>nd</sup> January -2009
<b>05</b>	Workshop on Multifunctional Materials, Dec, 6,2010 organized by Banaras Hindu University, Varanasi
<b>06</b>	Shivaji university Kolhapur Workshop on draft syllabus of B.Sc. II physics and UGC model curriculum-January 23 <sup>rd</sup> ,2004
<b>07</b>	Two day workshop on B.Sc. I physics revised syllabus organized by Department of physics, Shivaji university Kolhapur24-25 sept. 2003
<b>08</b>	workshop on “Energy crisis and resources” on 7-8 Feb. 2003 organized by Dept. of physics K.B.P. Mahavidyalaya, Pandharpur
<b>09</b>	Training programmes in “Microprocessors and microcontrollers” organized by Department of physics, Shivaji university Kolhapur, June 3-8, 1996

#### Books/Reports/General articles/ presentations

- (1) A text book of physics paper – III (ISBN No. 978-93-81528-48-8) by Dhasade S.S., Mane T.R., Bugad R.A., Navale B.B.
- (2) A text book of physics paper – IV (ISBN No. 978-93-81528-47-1) by Dhasade S.S., Mane T.R., Bugad R.A., Navale B.B.
- (3) A text book of physics paper – VII (ISBN No. 978-93-81528-50-1) by Dhasade S.S., Mane T.R., Bugad R.A., Navale B.B.
- (4) A text book of physics paper –VIII by Dhasade S.S., Mane T.R., Bugad R.A., Navale B.B.

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**Dr. Shankar S. Dhasade**