



Research Papers Presented

Sr. No	Name of Faculty Member	Academic Year	Title of Paper Presented	Conference & Organizing Institute	Duration	Level
01	Dr. Sampat G. Deshmukh	2016-17	Influence of annealing on surface morphology and wettability of Cu ₃ BiS ₃ thin films grown by chemical bath deposition	School of Materials Science and Nanotechnology, Jadavpur University, Kolkata, India	08-10 March, 2017	International
02	Dr. Sampat G. Deshmukh	2016-17	XRD, Raman and wettability study of ZnO nanorods deposited by chemical bath deposition technique	School of Materials Science and Nanotechnology, Jadavpur University, Kolkata, India	08-10 March, 2017	International
03	Dr. Sampat G. Deshmukh	2018-19	Nanostructured Zn (O, S) Thin Films by SILAR Technique for Solar Photovoltaic Cells	BARC Mumbai, India	26-29 September 2018	International
04	Dr. Sampat G. Deshmukh	2019-20	A structural, Morphological and Wettability properties of Nanostructured Zn (O, S) Thin Films by SILAR Technique	Raje Ramrao Mahavidyalaya, Jath, Maharashtra, India	20-21 January 2020.	International
05	Dr. Sampat G. Deshmukh	2020-21	Post-annealing Influence on Properties of Cu ₃ BiS ₃ thin films deposited by non-vacuum chemical technique	S. V. National Institute of Technology, Surat	05-06 Feb 2021	International
06	Dr. Sampat G. Deshmukh	2020-21	Investigation of Structural, Optical and Wettability Properties of Cadmium Sulphide Thin Films Synthesized by Environment Friendly SILAR Technique	John Wiley & Sons, Inc.		International



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07	Dr. Sampat G. Deshmukh	2020-21	Successive Ionic Layer Adsorption and Reaction Deposited ZnS-ZnO Thin Film Characterization	CRC Press Taylor and Francis Group		International
08	Dr. Sampat G. Deshmukh	2021-22	Intelligent Computing in Information Technology for Engineering System	CRC Press Taylor and Francis Group	2022	International
09	Dr. Sampat G. Deshmukh	2021-22	Artificial Intelligence, Internet of Things (IoT) and Smart Materials for Energy Applications	CRC Press Taylor and Francis Group	2022	International
10	Dr. Sampat G. Deshmukh	2021-22	Post-annealing Influence on Structural, Surface and Optical Properties of Cu ₃ BiS ₃ Thin Films for Photovoltaic Solar Cell	CRC Press Taylor and Francis Group	2022	International
11	Dr. Sampat G. Deshmukh	2021-22	Superhydrophobic Coatings of Silica NPs on Cover Glass of the Solar Cells for Self-cleaning Application	CRC Press Taylor and Francis Group	2022	International
12	Mr. B. S. Savase	2020-21	Code-Mixing Creates Verbal Humour in Standup Comedy: Comedy Nights with Kapil Sharma	International Conference on "Rebuilding Humanities in Post-Covid Scenario" Organized by Shri Sant Damaji Mahavidyalaya, Mangalwedha, Dist. Solapur (Maharashtra, India)	16th May 2021	International



Journal Publications

Sr. No.	Name of Faculty Member	Academic Year	Details of Paper Published	Journal Status	IF
01	Dr. Sampat G. Deshmukh	2017-18	Morphology-controllable of Sn doped ZnO nanorods prepared by spray pyrolysis for transparent electrode application, M. Shahul Hameed, J. Joseph Princice, N. Ramesh Babu, S. Syed Zahirullah, Sampat G. Deshmukh, A. Arunachalam, AIP Conf. Proc., 1953(1), 2018, 070018	Scopus	
02	Dr. Sampat G. Deshmukh	2017-18	A comprehensive review on synthesis and characterizations of Cu ₃ BiS ₃ thin films for solar photovoltaics, Sampat G. Deshmukh, Vipul Kheraj, Nanotechnol. Environ. Eng., 2 (1), 2017, 15,	Springer	
03	Dr. Sampat G. Deshmukh	2017-18	Effect of Annealing Temperature on Flowerlike Cu ₃ BiS ₃ Thin Films Grown by Chemical Bath Deposition, S. G. Deshmukh, S. J. Patel, K. K. Patel, A. K. Panchal, Vipul Kheraj, Journal of Elec. Materi. 46, 2017, 5582–5588	SCI	2.4
04	Dr. Sampat G. Deshmukh	2017-18	Development of Cu ₃ BiS ₃ thin films by chemical bath deposition route, Sampat G. Deshmukh, Ashish K. Panchal, Vipul Kheraj, J. Mater. Sci: Mater. Electron. , 28, 2017, 11926–11933	SCI	2.2
05	Dr. Sampat G. Deshmukh	2018-19	ODS-modified TiO ₂ nanoparticles for the preparation of self-cleaning superhydrophobic coating, A. M. Kokare, R. S. Sutar, S. G. Deshmukh, R. Xing, Shanhu Liu, S. S. Latthe, AIP Conf. Proc., 1953 (1), 2019, 100068	Scopus	
06	Dr. Sampat G. Deshmukh	2018-19	Preparation of Nanocrystalline CdS Thin Film by Successive Ionic Layer Adsorption and Reaction (SILAR) Method, S. G. Deshmukh, V. Kheraj, A. K. Panchal, Mater. Today: Proc. 5 (10), 2019, 21322-21327	Scopus	
07	Dr. Sampat G. Deshmukh	2018-19	Effect of annealing on the properties of Cu ₃ BiS ₃ thin films deposited via chemical bath deposition, S. G. Deshmukh, V. Kheraj, A. K. Panchal, Mater. Today: Proc. 5 (4), 2019,10712-10716,	Scopus	
08	Dr. Sampat G. Deshmukh	2018-19	Influence of molar concentration and temperature on structural, optical, electrical and X-ray sensing properties of chemically grown nickel-bismuth-sulfide (Ni _x Bi _{2-x} S ₃) thin films, R. Sabarish, N. Suriyanarayanan, J. M. Kalita, M. P. Sarma, G. Wary, Vipul Kheraj, Sampat G. Deshmukh, Materials Science-Poland, 36 (4), 2019, 675-684,	SCI	0.94



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09	Dr. Sampat G. Deshmukh	2019-20	Preface, Sampat G. Deshmukh, Kailash J. Karande, Swanand G. Kulkarni, IOP Conf. Ser.: Mater. Sci. Eng., 814, 2020, 011001	Scopus	
10	Dr. Sampat G. Deshmukh	2019-20	Preface, Sampat G. Deshmukh, J. Nano-Electron. Phys. 12 (2), 2020, 02000-1-02000-1	Scopus	0.68
11	Dr. Sampat G. Deshmukh	2019-20	Synthesis and Characterization of Copper Indium Gallium Diselenide (CIGS) Nano-Crystalline Powder using SPEX Mill, P. S. Suryavanshi, N. P. Kumar, B. R. Rehani, C. J. Panchal, S. G. Deshmukh, J. Nano-Electron. Phys. 12 (2), 2020, 02045-1-02045-3	Scopus	0.68
12	Dr. Sampat G. Deshmukh	2019-20	Enhanced heating ability of Fe–Mn–Gd ferrite nanoparticles for magnetic fluid hyperthermia, J. Dhumal, M. Phadatore, S. G. Deshmukh, G. S Shahane, J Mater Sci: Mater Electron 31, 2020, 11457–11469	SCI	2.2
13	Dr. Sampat G. Deshmukh	2019-20	Hierarchical flower-like Cu ₃ BiS ₃ thin film synthesis with non-vacuum chemical bath deposition technique, Sampat G. Deshmukh, Vipul Kheraj, Kailash J. Karande, Ashish K. Panchal, Rohan S. Deshmukh, Mater. Res. Express, 6(8), 2019, 084013	SCI	1.9
14	Mr. B. S. Savase	2020-21	'Code-Mixing Creates Verbal Humour in Standup Comedy: Comedy Nights with Kapil Shurma' Contemporary Research in India, A Peer-Reviewed Multi-Disciplinary International Journal Indexed in Indian Citation Index, Impact Factor: 4.58 (CIF), NAAS Score 2021: 3.23) ISSN 2231-2137	International	4.58