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MASTER TECHNICIAN

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Academic Qualifications: M.Sc., B.Ed., M.Phil.

Teaching Experience: 02 Years

Research Experience: 03 Year

Areas of Research

Thin films, Nanomaterials

Research Supervision / Guidance

Publications

International		National		others
Journals	Conferences	Journals	conferences	Books/ Chapters/ Monographs/ Manuals
4	1	5	5	-

Events Participated

S. No	Name of the event	Place/date	Title of the paper presented
1	55 th DAE - Solid State Symposiu	Manipal University, Manipal December 26-30, 2010	Surface Morphological Studies on Cupric Oxide Thin films
2	55 th DAE - Solid State Symposium	Manipal University, Manipal December 26-30, 2010	Substrate effects on the properties of chemical bath deposited CuO thin films
3	55 th DAE - Solid State Symposium	Manipal University, Manipal December 26-30, 2010	Heat Treatment Effects on Cadmium Oxide Thin Films
4	64 th DAE - Solid State Symposium 2019	Indian Institute of Technology Jodhpur, Rajasthan, December 18-22, 2019	Hydrothermal synthesis of Bare and Ni doped CdO nanostructures for antibacterial applications
5	International Conference on Physics and Chemistry of Materials in Novel Engineering Applications (PCMNEA'20)	Kumaraguru College of Technology, Coimbatore 6 th -7 th February 2020	Cu ₂ S electrochemical energy storage applications

Membership in

Recent Publications

2011		
1	T. Mahalingam, V. Dhanasekaran, G. Ravi, M. Sangeetha Vidhya , T. Sasikumar, P. Joyce	
	Surface Morphological Studies on Cupric Oxide Thin films	
	AIP Conf.Proc. 1349 (2011) 729-730	
2	V. Dhanasekaran, T. Mahalingam, G. Ravi, T. Sasikumar, P. Joyce , M. Sangeetha Vidhya	
	Substrate effects on the properties of chemical bath deposited CuO thin films	
	AIP Conf.Proc. 1349 (2011) 733-734	
3	T. Mahalingam, V. Dhanasekaran, S. Thanikaikarasan, M. Sangeetha Vidhya , G. Ravi	
	Heat Treatment Effects on Cadmium Oxide Thin Films	
	AIP Conf.Proc. 1349 (2011) 752-753	
2020		
4	M. Sangeetha Vidhya , B. Jansi Rani, G. Ravi, R. Yuvakkumar	
	Hydrothermal synthesis of Bare and Ni doped CdO nanostructures for antibacterial applications	
	AIP Conf.Proc. 2265, (2020), 030091	
5	M. Sangeetha Vidhya , G. Ravi, R. Yuvakkumar, P. Kumar, Dhayalan Velauthapillai, B. Saravanakumar, E. Sunil Babu	
	Cu ₂ S electrochemical energy storage applications	
	AIP Conf.Proc. 2270, (2020), 100011	
6	M. Sangeetha Vidhya , G. Ravi, a R. Yuvakkumar, Dhayalan Velauthapillai, M. Thambidurai, Cuong Dang, B. Saravanakumar	
	Nickel-cobalt hydroxide: a positive electrode for supercapacitor applications	
	RSC Adv., 10, 2020, 19410-19418	
7	M. Sangeetha Vidhya , G. Ravi, R. Yuvakkumar, Dhayalan Velauthapillai, M. Thambidurai, Cuong Dang, B. Saravanakumar, Asad Syed, Turki Dawoud	
	Functional reduced graphene oxide/cobalt hydroxide composite for energy storage applications	
	Materials Letters., 276, 2020, 128193	
8	M. Sangeetha Vidhya , G. Ravi, R. Yuvakkumar, M. Thambidurai, Cuong Dang, Mehboobali Pannipara, Abdullah G. Al-Sehemi, Dhayalan Velauthapillai	
	Energy storage performance of CoNiSe ₂ nanostructures	
	Materials Letters., 279, 2020, 128485	
9	M. Sangeetha Vidhya , Fuad Ameen , Turki Dawoud , R. Yuvakkumar , G. Ravi , P. Kumar , Dhayalan Velauthapillai	
	Anti-cancer applications of Zr, Co, Ni-doped ZnO thin nanoplates	
	Materials Letters., 283, 2020, 128760	

