
STAFF PROFILE INFORMATION

	Name of Staff:-	Dr. WADKAR NITIN BHUPAL
	Designation: -	Assistant Professor in Engineering Physics
	Qualification:-	M.Sc. (Physics) - 1 st Class Ph.D. (Physics) Shivaji University Kolhapur
	Area of Specialization:-	Modern Optics
	Experience:	Six years
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Sr.No	Awards and Participation	Dates
1	1 st International conference ICPM-MDF-2012, held at dept. of Physics Shivaji University Kolhapur	2012
2	International conference on “Physics of Materials and Materials Based Device Fabrication-2019”, held at dept. of Physics Shivaji University Kolhapur	10 th -11 th January 2019.
3	International conference Indian Science Congress Association Kolkata, held at GKV BENGALORE.	3 rd to 7 th January 2020.
4	International conference on “Recent trends in Physical, Chemical, Biological, Nano sciences”, Held at LBS College Satara,.	17 th -18 th May 2022
5	Memberships 1) Indian Science Congress Association Kolkata (ISCA). 2) International Society for Development and Sustainability (ISDS) - "Associate Member".	

• PAPERS PUBLISHED AND SUBMITTED:

Sr. No.	PEER-reviewed publications in international journals
1	<p>N. B. Wadkar , P.S. Maldar, S.D. Dhas , R.T. Patil , V.J. Fulari , Effect of calcination time on electrochemical performance of hydrothermally grown copper cobalt sulphide nanostructures for use in electro chemical Supercapacitors, Inorganic Chemistry Communications, 49,2023,110425,1387-7003 https://doi.org/10.1016/j.inoche.2023.110425 [I.F. 3.8]</p>
2	<p>T. M. Patil , R. T. Patil , A. H. Patil , N. B. Wadkar , A. S. Patil , S. D. Dhas ., V. J. Fulari , V. P. Malekar , Optimally tuned deposition of 3D interconnected ultrathin cobalt oxide nano flakes on Ni foam by electro deposition technique for targeted supercapacitor application, Results in Chemistry, Volume 4, January 2022, 100571 https://doi.org/10.1016/j.rechem.2022.100571 [I.F. 2.3]</p>
3	<p>R.T. Patil , A.S. Patil , S.S. Patil , N. B. Wadkar , T.M. Patil , S.D. Dhas , V.J. Fulari Influence of deposition time on supercapacitive performance of electrodeposited interconnected Co(OH)₂ nano flakes, Materials Today: Proceedings, Volume 62, Part 8, 2022, Pages 5223-5229, ISSN 2214-7853, https://doi.org/10.1016/j.matpr.2022.03.116 [I.F. 3.2]</p>
4	<p>R. T Patil, A. S Patil, S. D Dhas, N. B Wadkar, T. T Bhosale, V. J Fulari , Effect of deposition potential and time substitution for Co(OH)₂ on controlled synthesis and electrochemical performance for electrochemical supercapacitor, Journal of Materials Science: Materials in Electronics Volume 34 Issue 36 Pages 2297 https://doi.org/10.1007/s10854-023-11436-0 [I.F. 2.8]</p>
6	<p>N. B. Wadkar , P.S. Maldar, S.D. Dhas , A.V. Fulari, R.T. Patil ,T.M. Patil, V.J. Fulari , Impact of reaction temperature on electrochemical performance of hydrothermally grown CuCo₂S₄ nanostructures for use in electrochemical supercapacitors (submitted to Journal of applied surface science) [I.F. 7.4]</p>
7	<p>N. B. Wadkar, P.S. Maldar, S.D. Dhas, R.T. Patil, A.V. Fulari, S.K. Shinde, V.J. Fulari. study of electrochemical performance of CCS-PANI composite nanostructures thin films for Supercapacitors (submitted to Journal of Energy Storage) [I.F. 9.4]</p>