



Sangameshwar College (Autonomous), Solapur

Department of Chemistry





Activity Report

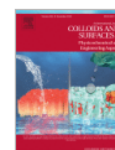
1	Webinar/Conference/Workshop Topic	Research Collaboration with School of Chemical Sciences, Punyashlok Ahilyadevi Holkar Solapur University, Solapur
2	Date & Time	Through-out year
3	Resource Person	Nil
4	Venue	School of Chemical Sciences, PAHSUS
5	Organized for	Research works and publications
6	Objectives	To carry out research works and utilize facilities there and to publish research papers
7	No. of Participants	2-Faculties
8	Event Coordinators	Dr. Mandle U. M.
9	Supporting Staff	Dr. D. S. Mhamane
10	Outcomes	We have published 3 high impact research papers in renowned international journals
11	External Agency Associated (If any)	Nil
12	Proofs Attached: (Provide Brochure, Geotagged images, 1) Notice on whatsapp: Participants joined this Whatsapp group for further updates & Broacher 2) Attendance Link: Nil 3) Feedback Link: Nil 4) Certificate: Nil 5) Event photographs:	Nil
13	Event Summary: One of the faculty members regularly visits, at School of Chemical Sciences, PAHSUS and due to this collaboration, he has published 3 high impact research papers in this academic year. The visit of students to carry out novel research work is in pipeline	

Write **Nil** if something is not provided.








Multifunctional polyoxotungstocobaltate anchored fern-leaf like BiVO_4 microstructures for enhanced photocatalytic and supercapacitive performance

[Gopal Mali](#)^a, [Laxman Walekar](#)^b, [Nagesh Kolhe](#)^b, [Abhijit N. Kadam](#)^{c f}, [Rohan Kore](#)^d,
[Dattakumar Mhamane](#)^e  , [Harichandra Parbat](#)^f, [Sang-Wha Lee](#)^c,
[Balkrishna Lokhande](#)^d, [Vaishali Patil](#)^g, [Gavisiddappa Gokavi](#)^a, [Mukund Mali](#)^b  



Fabrication of ternary polyvinyl alcohol/tetraethyl orthosilicate/silicotungstic acid hybrid membranes for pervaporation dehydration of alcohol

[Mukund Mali](#)^{a f}, [Laxman Walekar](#)^a, [Dattakumar Mhamane](#)^b  , [Gopal Mali](#)^f,
[Samadhan Pawar](#)^c, [Vaishali Patil](#)^d, [Harichandra Parbat](#)^e,
[Gavisiddappa Gokavi](#)^f  

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Hydrous and Amorphous Cobalt Phosphate Thin-Film Electrodes Synthesized by the SILAR Method for High-Performing Flexible Hybrid Energy Storage Devices

Vinod V. Patil, Sachin S. Pujari, Shraddha B. Bhosale, Sambhaji S. Kumbhar, Vinayak G. Parale, Jayavant L. Gunjekar, Hyung-Ho Park, Chandrakant D. Lokhande, Mukund G. Mali, Dattakumar S. Mhamane*, and Umakant M. Patil*

Cite this: *Energy Fuels* 2022, 36, 20, 12791–12806

Publication Date: October 10, 2022

<https://doi.org/10.1021/acs.energyfuels.2c02202>

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