

LIST OF THE PUBLICATIONS

JOURNAL PUBLICATIONS

1. Electrochemical Performance of Potentio-dynamically deposited Co_3O_4 Electrodes:
Influence of annealing temperature
S.V.Khavale, B. J. Lokhande
Journal of Material Science: Materials in electronics, 28 (7), 2017,5106 - 5115
2. Electrochemical study of Co_3O_4 Thin films prepared by simple Electrodeposition technique
S.V. Khavale, B.J. Lokhande
International journal of research and engineering,2 (2015) 20-25
3. Effect of molar concentrations on supercapacitive parameters of MnO_2
S.V.Khavale, S.R.Bharadwaj and B.J.Lokhande
Invertis Journal of Renewable Energy, Vol. 2, No. 2 , 2012 ; pp. 1-7
4. Ru incorporation enhanced electrochemical stability of potentiodynamically electrodeposited cobalt oxide thin film electrode: Supercapacitive Approach
S.V. Khavale and B. J. Lokhande
Applied Physics A, submitted
5. Optimizations of Preparative Parameters In Potentiodynamic Synthesis of Cobalt Oxide Thin Films: Capacitive Approach
S.V. Khavale , B. J. Lokhande
Indian journal of Pure and Applied Physics, Under review
6. Potentiodynamic electrodeposition and capacitive optimization of Manganese incorporated Cobalt oxide thin film electrodes via aqueous route: Electrochemical study
S.V. Khavale and B. J. Lokhande
Material Science and Engineering : B, Submitted

INTERNATIONAL/ NATIONAL CONFERENCE PUBLICATIONS

1. Electrodeposited Thin Films of Cobalt Oxides
S.V.khavale, R.C.Ambare, b.J.Lokhande, National Seminar on new Trends in Material Science. Indapur, Feb. 11-12, 2011
2. Structural and Optical study of B doped CdO thin film prepared by SILAR.
S.R/Munnoli, S.B.Patil, **S.V.Khavale**, R.C.Ambare, B.J.Lokhande, National Seminar on Physics of materials and materials based devices ,Fabrications, SUK Kolhapur, Feb, 17-18, 2011
3. Electrodeposited Cobalt doped Cadmium Oxide thin films and their characterization
V.V.Aamale, R.V.Jadhav, R.C.Ambare, **S.V.Khavale**, B.J.Lokhande, National Seminar on Physics of materials and materials based devices ,Fabrications, SUK Kolhapur, Feb, 17-18, 2011
4. Effect of annealing temperature on Electrodeposited Cobalt doped Cadmium Oxide thin films
R.C.Ambare, S.I.Munnoli, **S.V.Khavale**, B.J.Lokhande, National conference on materials and devices for future technology, NMU-Jalgaon, 7 March 2011
5. Supercapacitive study of Spray pyrolysed Cobalt-Polyaniline composite (*Full length paper*)
R.C.Ambare, **S.V.Khavale**, S.R.Bharadwaj, B.J.Lokhande, National conference on Nanotechnology, Nilanga, sept 7-8, 2012
6. Effects of electrolytes on capacitive behavior of Electrodeposited Cobalt Oxide (*full length paper*)
S.V.Khavale, R.C.Ambare, S.R.Bharadwaj, B.J.Lokhande,
National conference on Nanotechnology, Nilanga, sept 7-8, 2012
7. Spray pyrolysed Polyaniline electrode for Supercapacitor application
B.J.Lokhande, R.C.Ambare, **S.V.Khavale** and S.R.Bharadwaj, *Full length paper for oral presentation* in National conference held at Pandharpur, sept 17-18, 2012
8. Electrochemical characterization of Spray deposited Ni_xCo_{1-x} Thin films

- R.C.Ambare, **S.V.Khavale**, S.R.Bharadwaj, B.J.Lokhande, Poster presented and second prize in National conference held at pandharpur, sept 17-18, 2012
9. Substrate dependent capacitive study of Spray pyrolysed CO_3O_4
R.C.Ambare, **S.V.Khavale**, T.S.Ghadage, S.R.Bharadwaj, B.J.Lokhande, International conference SCS Solapur University, Solapur, Nov 2-4, 2012
10. Effects of electrolytes on capacitive behavior of Spray pyrolysed CO_3O_4
R.C.Ambare, **S.V.Khavale**, T.S.Ghadage, S.R.Bharadwaj, B.J.Lokhande, International conference SCS Solapur University, Solapur, Nov 2-4, 2012
11. Electrochemical material characterization of Spray Pyrolysed CO_3O_4
R.C.Ambare, **S.V.Khavale**, S.R.Bharadwaj, B.J.Lokhande, I.Symposium on 11-15/12/2012 held at BARC Mumbai.
12. Effect of annealing temperature on electrochemical characterization of Electrodeposited Cobalt Oxide
S.V.Khavale, R.C.Ambare, S.R.Bharadwaj, B.J.Lokhande, I.Symposium on 11-15/12/2012 held at BARC Mumbai.
13. Temperature dependent capacitive behavior of CO_3O_4 prepared by Spray pyrolysis through non-aqueous route
R.C.Ambare, **S.V.Khavale**, S.R.Bharadwaj and B.J.Lokhande,
National conference held at Solapur University, Solapur, April 18-20, 2013.
14. Effect of annealing temperature variation on galvanostatic characterization of Electrodeposited Cobalt Oxide
S.V.Khavale, S.R.Bharadwaj and B.J.Lokhande
Thermans -2013, DAE, BRNS, Nineteenth Symposium and workshop on thermal analysis.
(Proceeding Publication)
15. Effect of solution concentration on supercapacitive properties of electrodeposited thin Cobalt Oxide electrodes
S.V.Khavale, R.C.Ambare, B.J.Lokhande, *Oral Presentation* in National conference held at SPS, Solapur University, Solapur, April 18-20, 2013.