

Dr. Anamika V. Kadam

Publication Details:

A) Published Papers in Reffered journals:

1. N Y Bhosale, Sawanta S. Mali, Chang K. Hong, Anamika V. Kadam,” Hydrothermal synthesis of WO₃ nanoflowers on etched ITO and their electrochromic properties”, Electrochimica Acta, 246 (2017) 1112–1120.
2. **AV Kadam**, “[Propylene glycol-assisted seed layer-free hydrothermal synthesis of nanostructured WO₃ thin films for electrochromic applications](#)”, Journal of Applied Electrochemistry, 47(2017) 335-342.
3. NY Bhosale, AV Kadam, Effect of etching on current and optical density for WO₃ thin film, International Journal of Engineering Research and Technology, 10 (2017) 573-577.
4. NY Bhosale, **AV Kadam**, “Superior Electrochromic Performance of Tungsten Oxide Embedded with Polypyrrole”, IJIRST –International Journal for Innovative Research in Science & Technology, Volume 3, Issue 04, September 2016.
5. Digambar K. Gaikwad, Sawanta S. Mali, Chang K. Hong, **Anamika V. Kadam**, “Influence of disordered morphology on electrochromic stability of WO₃/PPy”, Journal of Alloys and Compounds 669 (2016) 240-245.
6. **A.V. Kadam** A.A. Kulkarni, S.S.Tupe, Development of Electrochromic Device Based on Electrodeposition and Chemical Bath Deposition for Nickel Oxide Thin Films Doped with Efficient Multichromatic Polymers, International Journal of Latest Trends in Engineering and Technology (IJLTET), 2 (2013) 258-264

B) Publications with peer review process:

1. D.K. Gaikwad, **A.V. Kadam**, “Improved electrochromic performance of annealed WO₃ thin films with PPy”, Submitted to Solid State Ionics, Status: Manuscript received for minor revision.
2. D.K. Gaikwad, **A.V. Kadam**, Hydrothermal synthesis of tungsten oxide nanorods and nanobricks, Science Park Research Journal, ISSN: 2321-8045, 29-30 January 2015 (Poster presentation received 2nd Prize).
3. D.K. Gaikwad, **A.V. Kadam**, Synthesis of uniform WO₃ nanobricks via Hydrothermal Process using Ammonium Sulphate, Proceedings of 5th national conference on emerging trends in engineering, technology and architecture, ISBN 978-81-920561-6-6, 24th January 2015.
4. **A.V. Kadam**, Hydrothermal synthesis of tungsten oxide nanorods, conference proceeding (ISBN 978-81-928717-2-1), International Conference on Advanced and Applied Material Science (ICAAMS-2014), 15th -16th, January 2014.
5. A.A. Kulkarni, **A.V. Kadam**, Improved divergence of LASER beam using nanostructured NiO thin films, Proceedings of national conference on emerging trends in engineering, technology and architecture, (NCETETA 2014), 25th January, 2014.

6. **A.V. Kadam**, Development of Electrochromic device for nickel oxide thin films doped with efficient multichromatic polymers, A.V. Kadam, page 289, ISBN 978-81-920561-2-8, Proceedings of national conference on emerging trends in engineering, technology and architecture, (NCETETA 2013), 29th January, 2013 (**Oral presentation received 1st Prize**).
7. **A.V. Kadam**, Simple and rapid synthesis of NiO/PPY thin films, page 618, ISBN 978-81-920561-2-8, Proceedings of national conference on emerging trends in engineering, technology and architecture, (NCETETA 2012), 28-29th January, 2012 (**Oral presentation received 1st Prize**).

C) Publications without peer review process:

1. S. B. Shikalgar, N. A. Sonune, M. M. Kshirsagar, P. A. Khandekar, D. K. Gaikwad, **A. V. Kadam** “Effect of electrolytes on electrochromic behavior of WO₃ thin films”, Presented a poster at International Conference on “Emerging Trends In Basic and Applied Sciences (ETBAS 2015)” Organized by “Karmaveer Hire Arts, Science, Commerce and Education College, Gargoti
2. D.K. Gaikwad, **A.V. Kadam**, Hydrothermal synthesis of tungsten oxide nanorods and nanobricks, UGC sponsored national conference on Material synthesis for device level applications (MSDLA-2015), 29-30 January 2015 (**Poster presentation received 2nd Prize**).

D)Subject Books published by State level with ISBN/ ISSN No.

Sr. No.	Title with page nos.	Type of Book & Authorship	Publisher & ISSN/ISBN No.	Whether peer reviewed	Author's Name
1.	Engineering Physics	Text Book	Pearson ISBN: 978-81-317-6393-3	Peer reviewed	Dr. A.V. Kadam, Nityanand Choudhary
2.	Engineering Physics	Text Book	Techmax ISBN:978-93-5077-350-5	Peer reviewed	Dr. M.P. Ghatule, Dr. Mrs. Anamika V. Kadam

Research Projects:

Sr. No.	Title	Agency	Whether PI/Co-PI	Grant/Amount Mobilized (Rs. Lakh)	Year of operation
1.	Hydrothermally grown nanostructured tungsten oxide thin film for smart window	Science and Engineering Research Board (SERB)	PI	Rs. 21.55 Lakh	2014-2017
2.	Electrodeposition of stable nanostructured tungsten oxide (WO ₃) electrochromic films	Shivaji University, Kolhapur	PI	Rs. 25,000/-	2014-2015

Honours/Awards:

1. Young Scientist Fellowship-DST SERB-2014-2017
2. Received 1st Prize in paper presentation of national conference on emerging trends in engineering, technology and architecture-2012
3. Received 1st Prize in paper presentation of national conference on emerging trends in engineering, technology and architecture-2013

