

Faculty

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	No. of Ph.D. (Completed)	10	24	49	21	11	08	01
	No. of Ph.D. (Ongoing)	8	04	1	03	05	06	03
9	No. of Projects Carried out	10	10	8	05	07	03	01
10	No. of Patents (Filed)	-	04	1	02	01	00	00
11	No. of Patents (Granted)	1	0	5	02	00	00	01
12	No. of Technology Transfer	-	0	0	0	00	00	00
13	No. of Research Publications							
	International Journals	109	180	670	202	185	44	82
	National Journals	-	24	220	90	00	--	00
	Conferences	87	95	11	70	70	14	05
14	Books published with details (Name of the book, Publisher with ISBN, year of publication)	1. Smart and Flexible Energy Devices, Taylor and Francis publications ISBN: 9781003186755, 2022 2. Smart Nanostructure Materials and Sensor Technology, Springer Nature, ISBN:	• Synthesis, Characterization and Applications of Multifunctional Materials NOVA Publishers, ISBN No. 978-1-6147- 618-2. (2011). • Benchmarking Electrode Materials for Supercapacitors, Pseudocapacitors, and Hybrid Capacitors. Wiley Publishing, (Accepted for Publication)2022. • Gold Nanoparticles for Batteries and Supercapacitors. Elsevier Publishing, (Accepted for Publication)2022.	1. Nanocrystalline Zinc Oxide Thin Films for Solar Cells by Dr. P. S. Patil and Dr. A. I. Inamdar, Lambert Academic Publishing, Germany, ISBN 978-3-8433-8684-5. (2010) 2. Electrochromism in transition metal oxides: Electrosynthesis of molybdenum oxide thin films for smart window application by R. S. Patil, P. S. Patil and M. D. Uplane, Lambert Academic Publishing, Germany, ISBN 978-3-8443-3487-6 (2008) 3. Zinc Oxide Nanocrystalline Thin Films: Dye Sensitized Solar Cells by Rajendra C. Pawar, P. S. Patil, Lambert Academic Publishing, Germany, ISBN 978-3-659-11656-8. (2012) 4. Polyaniline-based Electrodes for Electrochemical Supercapacitor by Dipali S. Patil and Pramod S. Patil, Lambert Academic Publishing, Germany, ISBN 978-3-659-50718-2. (2014)	• Photocatalysis: Ferric Oxide Nanomaterials, Lambert Academic Publishing, ISBN No. 978-3-659-16967-0, 2012, S. S. Shinde, C. H. Bhosale, K. Y. Rajpure • Photocatalysis: An Environmental Approach, Lambert Academic Publishing, ISBN No. 978-3-8484-9651-8, 2012, S. S. Shinde, C. H. Bhosale, K. Y. Rajpure • Antimony Doped Tin Oxide (ATO): Transparent Conductor, Lambert Academic Publishing, ISBN- 978-3-659-38375-5, 2013, A.R. Babar, K. Y. Rajpure • Transparent coatings (Transparent thin film coatings of various metal oxides), ISBN No. 978-3-659-46350-1, S.S. Shinde, V.G. Parale, C.H. Bhosale, K.Y. Rajpure • Metal oxide thin films Gas sensor: Spray deposited Cadmium indium oxide thin film for LPG gas sensing Scholars' Press (February 25, 2014)	1. Transparent Conductors: Studies on Sprayed Fluorine Doped Tin Oxide (FTO) and Tin Doped Indium Oxide (ITO) thin films, LAP LAMBERT Academic Publishing, Germany ISBN No. 978-3-659-74854-7, 2011 2. Solution processing of CZTS thin films for solar cells: Layer-by-layer synthesis of CZTS thin films by Modified-SILAR green-route for Photoelectrochemical solar cells, LAP LAMBERT Academic Publishing, Germany 978-3- 659-92340-1, 2016 3. Studies on sprayed (MoO3)1-X(V2O5) X films for gas sensor application, LAP	-	-

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