


PDP@CO-PI Profile_DST-FIST 2021

Name	Prof. (Dr.) Pravinkumar D Patil			
Designation	Professor in Chemical Technology, Department of Technology, Shivaji University, Kolhapur			
Contact No.	+919922924871			
E-mail ID	pdp_tech@unishivaji.ac.in			
Research Areas	Green Chemistry, Product Development, Process Optimization			
No. of Research papers published (National/ International)	Total		Last 5 Years	
	National	International	National	International
	18	17	13	10
Research Projects	Project's Title	Funding Agency	Status Ongoing/ Completed	Amount
	Increasing yield of active contents through novel extraction of innovatively cultivated plants	UGC (Minor Project)	Completed	1.85 Lakhs
	Seed Money Project: Design of low-cost adsorbent systems using agro-wastes	TEQIP	Completed	3 Lakhs
	Project under RSS: Cavitation: A Tool for Treatment of Industrial Waste Water	University	Ongoing	1.95 Lakhs
No. of Books / Chapters Published	National		International	
	Nil		Nil	

Patents/ IPR	Filed		Awarded		
	02		Nil		
Research Impact	Citations	h-Index	i-10 Index	RG Score	Highest Impact factor of a paper as per Thomson Reuters
	35	04	Nil	6.99	1.22
Total No .of Ph.D. Students	Awarded: Nil		Working: 04		
Total No. of M. Tech. Students	Awarded: 05		Working: Nil		
Visits Abroad	Nil				
National/ International Awards/ Fellowships	<ol style="list-style-type: none"> 1. National Merit Scholar at S.S.C. Pune Board, State of Maharashtra, India 2. Bagged the Second Prize at 43rd ISTE National Conventional at TKIET Warananagar, 19th to 21st Dec 2013 for one of my PG students Project Work 				
Top 10 Publications	<ol style="list-style-type: none"> 1. Patil P.D. & Mahajan S.D, 'Magnetically Treated Water: A Boon for Textile Industry To Conserve Energy. Case Study', TEXMACH INDIA, Nov-Jan2007, p 38 2. Patil P.D. & Mahajan S.D, 'Energy Conservation Through Magnetically Treated water', Beverage & Food World, June 07, Vol.34, No.6, p 29 3. Patil P.D & Mahajan S.D, 'Magnetically Treated Water: A Boon for Textile Industry To Conserve Energy', Urjavarana, Vol.01, No 05 Feb 2008, p 56 4. Patil P.D, 'Natural dyes making their way back to a golden age', Textile Asia, July2012, pp. 29-31 5. Patil P.D and others, 'Revival of Natural Dyes: Smart use of Bio-diversity', Colourage, October2012,pp.33-38 6. Patil P.D and others, 'Taguchi optimization for efficient extraction of a natural dye from Bougainvillea glabra Bracts', IJRET, April 2014,pp 23-30 7. Patil P.D and others, 'Butea frondosa dye extraction optimization through Taguchi Design', Prog.Color Colorants Coat, Centre of Excellence, Institute of Color Science and Technology, Iran Govt. September 2014, pp. 25-35. 8. Patil P.D and others, 'Mass transfer enhancement through optimized extraction of a natural dye from Bougainvillea glabra bracts', IJNPR, CSIR-NISCAIR, New Delhi Vol.5(4)December 2014, pp.332-337. 9. Patil P.D and others, 'Natural Color Extraction From Amaranth and Beetroot: A Review', Indian Journal of Applied Research, Vol.5 (5), May 2015, pp.7-8. 10. Patil P.D and others, 'Cashew-nut husk Natural Dye Extraction Using Taguchi Optimization: Green Chemistry Approach', Indian Journal of Scientific and Industrial Research, Vol.74 (9), September 2015, pp.512-517 				