

STAFF PROFILE

Name : Pawar Madan Shashikant
Designation: Sr. Lect
Qualifications : M.Sc. , Ph. D., M.B.A.
Area of Specialization: Physics
Email- ID: madan.pawar6@gmail.com

Date of Birth : 21/10/1967

Academic Performance :

(High School to Highest Qualification.)

A					
Exam	Passing Month & Year	Name & Address of College/School	Board	% Of Marks	Grade
SSC	March 1983	H. D. High school, Solapur	S.S.C. Board Pune	70.29%	First Class
HSC	March 1985	Walchand College, Solapur	H.S.C. Board Pune	73% (PCM 85.66%)	First Class
Degree: B.Sc.	22 July 1988	Sangameshwar college, Solapur	Shivaji University Kolhapur	63.88%	First Class
Other: D.C.S.	April 1989	Walchand Institute of Technology, Solapur	Shivaji University Kolhapur	62.83%	First class
PG: M.Sc.	April 1990	P. G. subcenter of Shivaji university, Solapur	Shivaji University Kolhapur	64.40%	First Class
Other: M.B.A.	July 2013	Siddhant Institute of Business Management, Maval	Pune University Pune	57.96%	Higher Second class
Ph.D.	Qualified for Award on 27 November 2017 (PDC)	Visveswaraya Technological University, Belgum	Visveswaraya Technological University, Belgum,	Convocation 9 January 2018	-

Experience :

TEACHING		INDUSTRIAL	TOTAL
PCP	OTHER INST.		
26.5 Yrs	-	0.9 Yrs	27 Yrs

Achievements (Qualification up-gradation, book publish, curriculum manual design)**Number of Paper Published : 6**

LIST OF INTERNATIONAL PUBLICATIONS		B
1]	M. S. Pawar , M. A. Sutar, K. I. Maddani and S. G. Kandalkar "Synthesis Characterization and Electrochemical properties of SILAR deposited V2O5 thin film" IJRSET, 2(1) (2015) 47-51. (ISSN 2349-476X (ONLINE))	
2]	M. S. Pawar , M. A. Sutar, K. I. Maddani and S. G. Kandalkar " Synthesis and characterization of vanadium oxide (V2O5) thin film electrode for supercapacitors: Effect of Annealing " IOSR Journal of Applied Physics (IOSR-JAP) 1(8)(2016) 7-13 (e-ISSN: 2278-4861)	
3]	M. A. Sutar, M. S. Pawar , M. K.Rendale and S. G. Kandalkar " Enhancing Electrochemical Performance of V2O5 Thin Film by using Ultrasonic Weltering" IOSR Journal of Applied Physics (IOSR-JAP) 7(6)(2015) 41-45 (e-ISSN: 2278-4861)	
4]	M. A. Sutar, M. S. Pawar , M. K. Rendale & S. G. Kandalkar " Effect of Annealing on Super-capacitive Performance of Electrodeposited Vanadium-Nickel Oxide Thin Film Electrode " J. IJIR 5 (2) (2016) 595-599. (ISSN: 2454-1362)	
5]	M.A. Sutar, M.S. Pawar , M.K. Rendale, and S. G. Kandalkar , "Nanostructured Nickel Doped Vanadium Pentoxide Thin Films with Improved Surface Morphology and Electric Conductivity for Supercapacitor Applications" International Journal of Scientific & Engineering Research, 8, (2), 2017 759-763.	
6]	M.A. Sutar, M.S. Pawar , M.K. Rendale, and S. G. Kandalkar, "Super-capacitive Performance of Nickel Doped Vanadium Oxide Thin Film Electrodes: Effect of Surface Treatments" International Journal of Engineering Technology, Management and Applied Sciences, 5, (7), July 2017 ISSN 2349-4476, 728-733.	

INTERNATIONAL CONFERENCE & PROCEEDINGS		C
1]	M. S. Pawar , M. A. Sutar, K. I. Maddani and S. G. Kandalkar "Synthesis of Vanadium oxide thin film electrode by simple successive ionic layer adsorption and reaction (SILAR) method for supercapacitor" Emerging Trends In Basic and Applied Science" 1 (2015) 13. (ISBN: 978-93-5212-826-6)	
2]	M. S. Pawar , M. A. Sutar, K. I. Maddani, S. G. Kandalkar " Improvement in Electrochemical Performance of Spray Deposited V ₂ O ₅ Thin Film Electrode by Anodization " J. Materials Today: Proceedings 4 (2017) 3549–3556. Available online at www.sciencedirect.com	
3]	M. S. Pawar , M. A. Sutar, K. I. Maddani and S. G. Kandalkar, "Study of Structural, Morphological and Supercapacitive Properties of Mn doped Vanadium Oxide Thin Film Electrode" International Conference on Emerging Trends in Engineering Innovations & Technology Management (ICET: EITM-2017) held at National Institute of Technology Hamirpur, Himachal Pradesh, India, during Dec 16-18, 2017. having paper ID No. ICET:EITM-2017-EC-203	
4]	M. A. Sutar, M. S. Pawar , M. K. rendale and S. G. Kandalkar "Nano structured Vanadium oxide (V ₂ O ₅) thin film electrode for supercapacitor applications" Emerging Trends In Basic and Applied Science" 1 (2015)	

	30. (ISBN: 978-93-5212-826-6)
5]	M. A. Sutar, M. S. Pawar , M. K. Rendale and S. G. Kandalkar, "Enhancing Electrochemical Performance of V ₂ O ₅ Thin Film by using Ultrasonic Weltering" IOSR Journal of Applied Physics (IOSR-JAP) 7(6) (2015) 4-45 (e-ISSN: 2278-4861)
6]	M. A. Sutar, M. S. Pawar , M. K. Rendale, S. G. Kandalkar " <i>Structural and Electrochemical Behaviour of Electro-deposited Ni Doped V₂O₅ Thin Film on Quenched Stainless Steel Substrate</i> " J. Materials Today: Proceedings 4 (2017) 3557–3564. Available online at www.sciencedirect.com
7]	M. A. Sutar, M. S. Pawar , M. K. Rendale and S. G. Kandalkar, "Nanostructured Nickel Doped Vanadium Pentoxide Thin Films with Improved Surface Morphology and Electric Conductivity for Supercapacitor applications " International Journal of Scientific and Engineering Research, 8, (2), 2017 759-763.
8]	M. A. Sutar, N. S. Swamy, M. S. Pawar , M. K. Rendale and S. G. Kandalkar, "Supercapacitive Performance of Nickel Doped Vanadium Oxide Thin Film Electrodes: Effect of Surface treatments" <i>International Journal of Engineering Technology, Management and Applied Sciences</i> , 5, (7), July 2017 ISSN 2349-4476, 728-733

PAPER PRESENTATIONS**D**

1	International Conference ICMPC	Elsevier Materials Today (Science Direct)	5 th International Conference 12-13 March 16	Presented Paper entitled "Improvement in Electrochemical Performance of Spray Deposited V ₂ O ₅ Thin Film Electrode by Anodization"
2	National Conference	AJMVPS New Science college, Parner Ahmednagar	NEW TRENDS AND DEVELOPMENTS IN PHYSICS 8-9 Jan 2016	Presented paper entitled "Vanadium oxide (V ₂ O ₅) Electrode Synthesized by Successive Ionic Layer Adsorption & Reaction (SILAR) Method for Electrochemical Capacitors: Effect of Ultrasonic Weltering".
3	National Conference	MAEER's MIT College	National conference on nano science and its applications to engineering 3,4 DEC 2015	Presented paper entitled "Vanadium oxide (V ₂ O ₅) Electrode Synthesized by Successive Ionic Layer Adsorption & Reaction (SILAR) Method for Electrochemical Capacitors: Effect of Annealing"
4	National Conference	MAEER's MIT College	National conference on nano science and its applications to engineering 2015	WON BEST PAPER AWARD
5	International Conference	Shri Mouni Vidyapeeth's Karmveer Hire Science College, Gargoti, Kolhapur	10 th March 2015	Presented Paper entitled, "Synthesis Of Vanadium Oxide (V ₂ O ₅) Thin Film Electrode By Simple Successive Ionic

		416209		Adsorption And Reaction (SILAR) Method For Supercapacitor”
6	National conference on Advances in Engg. Mngt & General Sciences 2011	Pimpri Chinchwad College of Engineering, (M.S.) Pune 44	28 and 29 April 2011	Presented paper entitled Innovative Teaching Methodologies in Applied Sciences Published paper in NCAEMS 2011
7	A national level Socio-Technical Symposium : INNOVISION 2014	JSPM’s Rajarshi Shahu College of Engineering	13 and 14 February 2014	Presented paper entitled, “Synthesis and characterization of V ₂ O ₅ thin film and its super capacitor performance in KCL electrolyte”
8	International Conference	I.E.T.E. Erandvane, Pune	23 July 2017	Presented paper entitled, “ <i>Super-capacitive Performance of Nickel Doped Vanadium Oxide Thin Film Electrodes: Effect of Surface Treatments</i> ”
9	International Conference on Emerging Trends in Engineering Innovations & Technology Management (ICET: EITM-2017)	National Institute of Technology Hamirpur, Himachal Pradesh, India	Dec 16-18, 2017	“ <i>Study of Structural, Morphological and Supercapacitive Properties of Mn doped Vanadium Oxide Thin Film Electrode</i> ” paper ID No. ICET:EITM-2017-EC-203

Award Winning : Won Best Paper Award in National Conference at MAEER’s MIT College in National coference on nano science and its applications to engineering 2015

Books/Journal/Magazine Published:

Sr. No	Books/ Journal Name/ Magazine	Publication
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1	BASIC PHYSICS	Text book for first year diploma 1 st semester (Polytechnic) (From E, G scheme) (17102)	Nirali Publications
2	APPLIED PHYSICS (mechanical engineering group)	Text book for first year diploma 2 nd semester (Polytechnic) (From E, G scheme) (12202, 17202)	Nirali Publications
3	APPLIED PHYSICS (civil engineering group)	Text book for first year diploma 2 nd semester (Polytechnic) (From E, G scheme) (12207, 17207)	Nirali Publications
4	APPLIED PHYSICS (electronics engineering group)	Text book for first year diploma 2 nd semester (Polytechnic) (From E, G scheme) (12210, 17210)	Nirali Publications
5	APPLIED PHYSICS	Text book for yearly pattern (A, C scheme)	Nirali Publications
6	BASIC SCIENCE PHYSICS	Text book for first year diploma 1 st semester (Polytechnic) (I-scheme) (22102, 22202)	Nirali Publications

Conference/Seminar/Workshop/STTP/FDP Attended :**E**

Sr. No.	Subject/Title	Workshop/training/ conference attended	Venue	Duration
1	Induction Phase –I (One Month.)	Training	Government polytechnic , Mumbai	10/11/97 to 6/12/97
2	Induction Phase –II(One Month.)	Training	Government polytechnic , Pune	6/7/98 to 31-7-98
3	Non Destructive Testing of Materials (Two Weeks).	Work shop	MSBTE at B.V.J.N.I.O.T., Pune	20/11/06 to 30/11/06
4	One day seminar: Current Research Trends in Nanotechnology	Participated in one day seminar	Sou Venutai Chavan Polytechnic, Pune 41	13 July 2012
5	Two days International workshop on green nanotechnology 2012	Participated – 2 days international workshop	Visvesvaraya Technological University Belgaum	26 and 27 November 2012
6	Two days workshop on Nanovolts to Gigahertz : Measurement Challenges and Applications 2013	Participated in two days workshop	Centre of Sensor studies, University of Pune	14 and 15 February 2013
7	One week FDP program on Nanomaterials Characterization and Applications in Devices	Attended one week training program	College of Engineering, Pune	7 th April to 11 th April 2014

8	A two days state level workshop on Applications and Relevance of Applied science in Bioinformatics	Attended two days state level workshop	Pimpri Chinchwad College of Engineering, (M.S.) Pune 44	16 th and 17 th October 2014
9	One day state level seminar on Recent Advances in Nanostructure Material and Applications	Attended One day State level seminar	JSPM's Rajarshi Shahu College of Engineering	17 th January 2015
10	Two days National Level Socio-Technical Symposium "INNOVISION-2014"	Attended two days National Level seminar.	JSPM's RajarshiShahu College of Engineering, Pune	13 and 14 February 2014
11	International Conference on Emerging Trends in Basic and Applied Sciences (ETBAS-2015)	Attended and presented paper.	Karmveer Hire Arts, Science, Commerce and Education College, Gargoti, Dist: Kolhapur (MS), India	10 th March 2015
12	National Conference on "Nano Science and Its Applications to Engineering-2015"	Attended and presented paper.	MIT College of Engineering, Pune (MS)	3 rd and 4 th DEC 2015
13	BCUD S.P.P.U. Sponsored National Conference on "New Trends and Developments in Physics"	Attended and presented paper.	New Atrs, Commerce and Science College, Parner, Dist: Ahmadnagar (MS)	8 th and 9 th JAN 2016
14	5 th International Confernce on "Materials Processing and Characterization (ICMPC-2016)"	Attended and presented paper	GRIET, Hyderabad (TS) in collaboration with MANIT, Bhopal	12 th and 13 th March 2016
15	National Conference on Emerging Trends in Nanomaterials and their Applications (ETNA-2017)	Attended National conference	Dept of Medical Physics, centre for Interdisciplinary Research, D. Y.Patil university, Kolhapur	2 nd and 3 rd June, 2017
16	MSBTE "I" Scheme Curriculum	Attended and	Pimpri Chinchwad	12 June

	Orientation Program.	anchoring of the program.	Polytechnic , Nigdi Pune 411044	2017
17	Cyber crime	Attended.	Pimpri Chinchwad Polytechnic , Nigdi Pune 411044	
18	International Conference	Attended and presented paper.	I.E.T.E. Erandvane Pune	23 rd July 2017

Extra Co-curricular Activities:

1	Officer In-Charge	Officer In-charge of Pimpri Chinchwad Polytechnic college, for Maharashtra State Board of Technical Education (MSBTE) Theory Exam – Summer 2014, Winter 2013, summer 2009
2	Staff In-charge	Staff In-charge of exam section 2009-10
3	Second Shift In-charge	PCP 2 nd Shift In-charge year 2012-13
4	RAC Officer In-Charge	RAC- Regional Assessment Centre (PCP) for Maharashtra State Board of Technical Education MSBTE Theory Exam Summer 2012 & additional Officer In-charge Winter 2007 exam
5	Controller of MSBTE Theory Exam	Appointed by RBTE for 10 examinations viz. Winter13, Summer-2007, Summer2004, Winter 2004, Winter 2003, Summer 2002, Summer 1999, Summer 1998, Summer 1997, Summer 1996
6	Coordinator	Coordinator of institute for Curriculum Implementation And Assessment Norms Committee year 2008-09
7	Ex-officio & Member secretary (Academic Coordinator)	Ex-officio & Member secretary for MSBTE-Curriculum Implementation and Assessment Norms CIAAN a committee for Institute Level Curriculum Implementation Unit (ICIU) 2008-09
8	MSBTE Paper setter	MSBTE- for subject applied physics civil engineering group summer-2013, Applied Science 12758 (civil) second-CC/CI Winter-2016, Applied Science (Physics) Mech. Group (17202) Summer 2018.
9	MSBTE Subject Expert	MSBTE Curriculum design committee 2011-12 G scheme
10	MSBTE Subject expert	Subject expert for Preparing model answer paper – MSBTE- Summer 2012
11	MSBTE Subject expert	For the development of Teacher Guide and Sample Question Paper. For 1 st

		year applied physics MSBTE Jan 2013
12	Verifier	MSBTE theory exam time table winter 2013 and summer 2014 exam
13	External vigilance squad	External vigilance squad for M.S.B.T.E. summer 2010 exam, Winter 2016, Summer 2017
14	Reserve Controller	MSBTE Theory exam Winter 15 DC 0056
15	Monitored MSBTE theory exam	Monitored MSBTE Theory exam Summer 2011 PCP 0056
16	Judge	Science Exhibition Project Competition at Sir Parshurambhau (SP) College, Pune-30 on 23/01/2018.
Life Member of THE INDIAN SOCIETY FOR TECHNICAL EDUCATION LM: 105258 in 2015		

Research &Development Work : Research Topic :” Synthesis and characterization of Mn doped vanadium oxide (V_2O_5) thin film electrode and their use in electrochemical capacitor”.