


Curriculum Vitae

1	Name	: Prof. Vikas Baburao Patil			
2.	Permanent address	:A/P-Undale, Tal- Karad, Dist-Satara, Maharashtra, India			
3.	Designation	: Professor & Head , Department of Physics (Materials Science) School of Physical Sciences Solapur University, Solapur.			
4.	Educational Qualifications :				
	Sr. No.	Degree/Subject	Institute/ Department	University	Year
	1	B. Sc.(Physics)	Y.C.College, Karad, Dist-Satara	Shivaji University, Kolhapur	1995
	2	M. Sc.- Physics (Applied Electronics)	Shivaji University, PGTC,Solapur	Shivaji University, Kolhapur	1997
	3	Ph. D.(Thin film solar cells)	Shivaji University, PGTC,Solapur	Shivaji University, Kolhapur	Feb.2003
5.	Contact Details		: Telephone : 0217-2744770 (Ext. 202)		
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6.	Teaching Experience		: 21 Yrs. (PG-19 Yrs, UG-02 Yrs.)		
7.	Area of Specialization		: Physics(Applied Electronics), Materials Science		
8.	Research Experience		21Yrs.		
9.	Research Area		: Conducting polymer, metal oxide based Gas Sensors and Supercapacitors, Hybrid Solar Cells.		
10.	Research Guidance:				
	Ph. D.		: Awarded - 09 , Submitted - 01 , Working - 07		
11.	Research Publications:		i) National & International Journals: 143		
	(Google Scholar)		ii) National & International Conference: 71		
			h- index- 35, Citations- 3242, i10 index- 93		
	Total Impact factor- 274				
12.	No. of Books Published		: 08 books (Research Monographs) -Lambert Academic Publishing ,Germany		
			: 04 book chapter -Nova publisher, New , Elsevier & Springer		
13.	Research Projects		: 07		
			i) 06 completed- UGC minor- 80,000/- + DST -11,13,600/- BRNS-26,91,500/- + UGC minor- 1,95,000/- + BRNS-28,83,150/- + RUSA -15,00,000/-		
			ii)01Ongoing- CSIR-10,56,000/-		
			Total research grant received : 95,19,250/- /-		
14.	Patents		01 : Ammonia Gas Sensor (No. 2017210076 dated 03/03/2017)		

15.	Member of (Name of various Authorities, Bodies & Committees)	<ul style="list-style-type: none"> i) Member- Board of College & University Development, Solapur University, Solapur (2012-2014). ii) Member-Semiconductor Society of India, New Delhi. iii)Active member - Society for Advancement of Electrochemical Science and Technology, Karaikudi (T.N) iv) Member - American Association for the Advancement of Science. v) Fellow- Maharashtra Academy of Science, 2016. vi)Member-American Chemical Society, 2016 vii) Member-International Association of Advanced Materials viii)BOS Member, In Applied Electronics Gulbarga University, Gulbarga ix)BOS Member in Physics, K.B.P. College, Vashi, Mumbai.
16.	Administrative Experience	<ul style="list-style-type: none"> i) I/c. Vice- Chancellor, Solapur University, Solapur (25/05/2018 to 08/06/2018). ii)Officer on Special Duty, Academic, Research & Development, Solapur University, Solapur (1stMarch 2017 to till date. iii) Head, Department of Physics (Materials Science) - From December-2015 to till date. vi) I/C. Head, Department of Electronics (Comm. Science) - 2012-2015. v) Member -Senate SUS (2016-17). vi)Member-Research Recognition Committee Physics. vii)Member-BUTR Science, SUS. viii) RUSA Coordinator, SU Solapur. xi)Program Officer –NSS , Solapur University School Unit x) IPR cell Member SUS.
17.	Awards and Rewards	<ul style="list-style-type: none"> i) Best Teacher Award, Solapur University, Solapur -2018. ii) Teachers Merit Prize –1994-Stood first in B.Sc. II, Yashwantrao Chavan College of Science Karad, iii) Principal Raverkar Award - -1995-Stood first in B.Sc.III. Physics, Y. C. College of Science, Karad. iv) Teachers Merit Prize-1995- Stood first in B.Sc. III.Y.C. College of Science Karad, v) Honored as a Best Project guide at DEPEX- 99, Nashik. (M.S). vi) Best Oral Research paper presentation award at National Conference on Current Trends in Materials Research for Advanced Technology (NCMRAT-2007), Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. Jan.2007.
18.	Abroad Visits	<ul style="list-style-type: none"> 1)University of Remis, Paris, France (Invited talk IFCPAR)- 10-12th Feb.2015). 2)16th International Meeting on Chemical Sensors(IMCS-2016) 10-13th July 2016, Jeju, South Korea.
19.	Others	<ul style="list-style-type: none"> a) Summer Research Fellowship - Physical Research Laboratory, Ahmadabad 6th May - 5th June2004. b)Summer Research fellowship - Indian Academy of Sciences, to work at Indian Institute of Science,

		<p>Bangalore during 2th May -3th July 2006.</p> <p>c) Visiting fellowship - Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), Bangalore, (DST, Government of India) 2006-2007.</p> <p>d) Summer Research Fellowship - Indian Academy of Sciences, INSA to work at BARC, Mumbai during 4th May -3th July 2008.</p> <p>e) Young Scientist Fellowship, Department of Science and Technology, New Delhi, March 2008. (Research Project of 11.13 Lakh sanctioned under FAST TRACK YOUNG SCIENTIST Scheme).</p> <p>f) Developed room temperature and high temperature gas sensor unit and technology transferred to M/s. Century Cooling System Pvt. Ltd. Solapur.</p> <p>g) Pradynavant Purskar- Swa. Dada Undalkar Smarak Samiti, Undale, Tal- Karad, Dist- Satara.</p> <p>h) Referee for Ph. D thesis evaluation- Shivaji University(09), Dr. BAMU, Aurangabad (06), NMU, Jalgaon(03), SRTM (01)</p>
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