


## Curriculum Vitae

<b>1</b>	<b>Name</b>	: Prof. Vikas Baburao Patil			
<b>2.</b>	<b>Permanent address</b>	:A/P-Undale, Tal- Karad, Dist-Satara, Maharashtra, India			
<b>3.</b>	<b>Designation</b>	: Professor & Head , Department of Physics (Materials Science) School of Physical Sciences Solapur University, Solapur.			
<b>4.</b>	<b>Educational Qualifications :</b>				
	<b>Sr. No.</b>	<b>Degree/Subject</b>	<b>Institute/ Department</b>	<b>University</b>	<b>Year</b>
	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
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<b>6.</b>	<b>Teaching Experience</b>		: <b>20 Yrs. (PG-18 Yrs, UG-02 Yrs.)</b>		
<b>7.</b>	<b>Area of Specialization</b>		: Physics( Applied Electronics), Materials Science		
<b>8.</b>	<b>Research Experience</b>		: <b>20Yrs.</b>		
<b>9.</b>	<b>Research Area</b>		: Conducting polymer based Gas Sensors and Supercapacitors, Hybrid Solar Cells.		
<b>10.</b>	<b>Research Guidance:</b>				
	Ph. D.		: Awarded - <b>09</b> , Submitted - <b>01</b> , Working - <b>05</b>		
<b>11.</b>	<b>Research Publications:</b>		i) National & International Journals: <b>124</b>		
	<b>(Google Scholar)</b>		ii) National & International Conference: <b>71</b>		
			: <b>h- index- 29, Citations- 2552, i10 index- 86</b> <b>Total Impact factor- 271</b>		
<b>12.</b>	<b>No. of Books Published</b>		: <b>08</b> books ( Research Monographs) -Lambert Academic Publishing ,Germany : <b>04</b> book chapter -Nova publisher, New , Elsevier & Springer		
<b>13.</b>	<b>Research Projects</b>		: <b>07</b> i) 04 completed- UGC minor- 80,000/- + DST -11,13,600/- BRNS-26,91,500/- + UGC minor- 1,95,000/- ii)03 Ongoing- CSIR-10,56,000/- + BRNS-28,83,150/- + RUSA -15,00,000/- <b>Total research grant received : 95,19,250/- /-</b>		

14.	<b>Patents</b>	<b>01</b> : Ammonia Gas Sensor (No. 2017210076 dated 03/03/2017)
15.	<b>Member of (Name of various Authorities, Bodies &amp; Committees)</b>	<ul style="list-style-type: none"> <li>:i ) Member- Board of College &amp; University Development, Solapur University, Solapur (2012-2014).</li> <li>ii) Member-Semiconductor Society of India, New Delhi.</li> <li>iii)Active member - Society for Advancement of Electrochemical Science and Technology, Karaikudi (T.N)</li> <li>iv) Member - American Association for the Advancement of Science.</li> <li>v) <b>Fellow- Maharashtra Academy of Science, 2016.</b></li> <li>vi)Member-American Chemical Society, 2016</li> <li>vii) Member-International Association of Advanced Materials</li> </ul>
16.	<b>Administrative Experience</b>	<ul style="list-style-type: none"> <li>: i) Additional Charge- BCUD Section, SUS (1<sup>st</sup>March 2016 to till date</li> <li>ii) Head, Department of Physics (Materials Science) - From December-2015 to till date.</li> <li>iii) I/C. Head, Department of Electronics (Comm. Science) - 2012-2015.</li> <li>iv) Member -Senate SUS (2016-17).</li> <li>v)Member-Research Recognition Committee Physics.</li> <li>vi)Member-BUTR Science, SUS.</li> <li>vii) RUSA Coordinator, SU Solapur.</li> <li>viii)Program Officer –NSS , Solapur University School Unit</li> <li>ix) IPR cell Member SUS.</li> </ul>
17.	<b>Awards and Rewards</b>	<ul style="list-style-type: none"> <li>: i) Teachers Merit Prize –1994-Stood first in B.Sc. II, Yashwantrao Chavan College of Science Karad,</li> <li>ii) Principal Raverkar Award - -1995-Stood first in B.Sc.III. Physics, Y. C. College of Science, Karad.</li> <li>iii) Teachers Merit Prize-1995- Stood first in B.Sc. III.Y.C. College of Science Karad,</li> <li>iv) Honored as a Best Project guide at DEPEX- 99, Nashik. (M.S).</li> <li>v) 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.</li> </ul>
18.	<b>Abroad Visits</b>	<ul style="list-style-type: none"> <li>: 1)University of Remis, Paris, France ( Invited talk IFCPAR)- 10-12<sup>th</sup> Feb.2015).</li> <li>2)16<sup>th</sup> International Meeting on Chemical Sensors(IMCS-2016) 10-13<sup>th</sup> July 2016, Jeju, South Korea.</li> </ul>
19.	<b>Others</b>	<ul style="list-style-type: none"> <li>a) Summer Research Fellowship - Physical Research Laboratory, Ahmadabad 6<sup>th</sup> May - 5<sup>th</sup> June2004.</li> </ul>

		<p>b) Summer Research fellowship - Indian Academy of Sciences, to work at Indian Institute of Science, Bangalore during 2<sup>th</sup> May -3<sup>th</sup> 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 4<sup>h</sup> May -3<sup>th</sup> 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( 07), Dr. BAMU, Aurangabad( 05), NMU, Jalgaon(03), SRTM ( 01)</p>
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