




<p>Maratha Vidya Prasarak Samaj's  <b>K. R. T. Arts, B. H. Commerce and  A. M. Science College, Nashik</b></p>		<p><i>Dr. G. H. Jain</i>  M.Sc., A.D.C.S.S.A. &amp; A., Ph.D.  Head &amp; Associate Professor  Department of Physics</p>
<p>Gangapur Road, Shivaji Nagar,  Nashik - 422 002. (M.S.) INDIA</p> <p>☎ Office (0253) 2571376  Fax (0253) 2577341  Resi. (0253) 2571502</p>		 <p><b>MEMBER</b>  Board of Studies (Physics)</p>
<p>★ 'College with Potential for Excellence Status' by UGC Delhi.  ★ 'Best College Award' University of Pune.</p>		
<p>Affiliated to University of Pune  (ID No. PU/NS/ASC/012 (1969))</p>	<p><b>NAAC Accredited "A" Grade</b></p>	<p>Junior College Index No.  J-13.17.001</p>

## CERTIFICATE




This is to certify that the work incorporated in the thesis entitled **“Preparation of pure and modified SnO<sub>2</sub> films by using spray pyrolysis for gas sensing application”** submitted by **Mr. Ganesh Ekanath Patil** was carried out by the candidate under my guidance. Such material as has been obtained from other sources has been duly acknowledged in the thesis.

Date: 24/04/2012

Place: Nashik

**Dr. G. H. Jain**

(Research Guide)

<p>Maratha Vidya Prasarak Samaj's  <b>K. R. T. Arts, B. H. Commerce and  A. M. Science College, Nashik</b></p> <p>Gangapur Road, Shivaji Nagar,  Nashik - 422 002. (M.S.) INDIA</p> <p>☎ Office (0253) 2571376  Fax (0253) 2577341  Resi. (0253) 2571502</p>		<p><i>Dr. V. B. Gaikwad</i>  M.Sc. M.Phil., Ph.D.  <b>PRINCIPAL</b></p>
	 <p><b>University of Pune</b></p>	<p><b>DEAN</b>  Faculty of Science</p> <p><b>MEMBER</b>  B.C.U.D.</p>
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