


## Biodata

<b>Name:</b> Dr. Vishwanath Keshavrao Mande	
<b>Department:</b> Physics	
<b>Designation:</b> Assistant professor	
<b>Qualification:</b> M.Sc., Ph.D.	
<b>Specialization:</b> Nuclear physics	
<b>Email id:</b> <a href="mailto:mandevishwanath@gmail.com">mandevishwanath@gmail.com</a>	
<b>Contact number:</b> 9623992767	
<b>Teaching experience:</b> 09 Years	
<b>Research interests</b>	<b>Material Science</b>
<b>Number of research articles published:</b>	10
<b>Number of books / book chapters/ conference proceedings published:</b>	03
<b>Number of papers presented in seminars / conferences</b>	02
<b>Awards and Achievements:</b> <ol style="list-style-type: none"><li>1. <b>Impact factor</b> :- 12.649</li><li>2. <b>Citations</b> :- 93 (2018)</li><li>3. <b>h-index</b> :- 04</li><li>4. <b>i10-index</b> :- 03</li><li>5. <b>Fellowship:</b> "Shetkari Shetmajur Scholar Fellowship for Doctoral Research funded by Dr. Babasaheb Ambedkar Marathwada University, Aurangabad Sanction Letter No: P.G/Ph.D./2016"</li></ol>	

- **Research articles published:**

<b>Sr. No</b>	<b>Title of research paper</b>	<b>Year</b>	<b>Authors</b>	<b>Journal</b>	<b>ISSN</b>	<b>UGC Listed / Peer reviewed</b>	<b>Impact factor</b>
1.	Influence of gadolinium (Gd <sup>3+</sup> ) ion substitution on structural, magnetic and electrical properties of cobalt ferrites	2020	AB Kadam, Vishwanath K Mande, SB Kadam, RH Kadam, Sagar E Shirsath, Rameshwar B Borade	J.of Alloys Com	840	Peer reviewed	6.37
2.	Effect of Zn <sup>2+</sup> -Cr <sup>3+</sup> substitution on structural, morphological, magnetic and electrical properties of NiFe <sub>2</sub> O <sub>4</sub> ferrite nanoparticles	2018	Vishwanath K Mande, Dhananjay N Bhoyar, SK Vyawahare, KM Jadhav	J. of material sci in electronics	29	Peer reviewed	2.478
3.	Effect of $\gamma$ -radiation on structural, morphological, magnetic and dielectric properties of Zn-Cr substituted nickel ferrite nanoparticles	2019	Vishwanath K Mande	-	30	Peer reviewed	2.478

• **Details of articles published in conference proceedings:**

<b>Sr. No.</b>	<b>Title of article</b>	<b>Authors</b>	<b>Name of conference</b>	<b>Publisher</b>
1.	Effect of RE (Nd <sup>3+</sup> , Sm <sup>3+</sup> ) oxide on structural, optical properties of Na <sub>2</sub> O-Li <sub>2</sub> O-ZnO-B <sub>2</sub> O <sub>3</sub> glass system	Mahesh M Hivrekar, DN Bhoyar, VK Mande, VV Dhole, MB Solunke, KM Jadhav	AIP Conference Proceedings	AIP Publishing
2.	Multiferroic Fe <sup>3+</sup> ion doped BaTiO <sub>3</sub> Perovskite Nanoceramics: Structural, Optical, Electrical and Dielectric Investigations	Dhananjay N. Bhoyar, Sandeep B. Somvanshi, P. B. Nalle, V. K. Mande, A.A. Pandit and K. M. Jadhav	AIP Conference Proceedings	IOP Publishing Ltd
3.	Structural, morphological and dielectric modifications in nanocrystalline Li <sub>0.5</sub> Fe <sub>2.5</sub> O <sub>4</sub> ferrites induced by high energy $\gamma$ -irradiation	Jitendra S Kounsalye, Vishnu Raut, Vishwanath K Mande, Prashant B Kharat, Tukaram S Saraf, KM Jadhav	DAE-BRNS symposium on nuclear and radiochemistry: book of abstracts	DAE-BRNS symposium on nuclear and radiochemistry : book of abstracts
4.	Structural and magnetic properties of nanocrystalline NiFe <sub>2</sub> O <sub>4</sub> thin film prepared by spray pyrolysis technique	Apparao R Chavan, RR Chilwar, MV Shisode, Mahesh M Hivrekar, VK Mande, KM Jadhav	AIP Conference Proceedings	AIP Publishing