

2.1 Name : Mr. Ekanath Khandu Kore

2.2 Designation : Associate Professor

2.3 Educational Qualification : M.Sc.(Physics)

2.4 Year of Joining : 1992

2.5 Period of teaching experience:-

(a) U.G. Classes ( in years)-----25---

(b) P.G. Classes (in years) -----03---

2.6 Research Projects completed: 01

2.7 Research experience : 02 years

2.8 Hobbies and interest : Sky observation, Reading

2.9 Computer Course Completed: Diploma in Computer Science (D.C.S.)

2.10 Thesis Title: Ph.D. Pursing: Development and Characterization of Co-Zn Ferrite Nanoparticles for Ferrofluid Application

2.10 Area of Research : Materials Science.

2.11 Publication List : Journal Publication: 02



1.	<p>SYNTHESIS AND CHARACTERIZATION OF <math>\gamma</math>-Fe<sub>2</sub>O<sub>3</sub> NANOPARTICLES AND THIN FILMS</p> <p>Kore E K<sup>1</sup>, Dhumal J G<sup>2</sup>, Zipare K V<sup>3</sup> and Shahane G S<sup>1*</sup></p> <p>DAV International Journal of Science Volume-3 Issue-1 2014 ISSN: 2277-5536 (Print); 2277-5641 (Online) 12-15.</p>
2.	<p>ANTIBACTERIAL ACTIVITY OF CHEMICALLY SYNTHESIZED Fe<sub>3</sub>O<sub>4</sub> NANOPARTICLES</p> <p>*E. K. Kore<sup>1</sup>, S. N. Deshpande<sup>2</sup>, G. S. Shahane<sup>3</sup></p> <p>CONTEPORARY RESEARCH IN INDIA A Peer-Reviewed Multi-Disciplinay International Journal Special Issue : January, 2018 ISSN 2231-2137 p 334-339</p>

**Research projects completed: 01**

<b>Sr. No.</b>	<b>Project Title</b>	<b>Funding Agency</b>	<b>Duration</b>	<b>Amount Sanctioned</b>
1	Development and Characterization of Co-Zn Ferrite Nanoparticles for Ferrofluid Application	UGC (WRO), PUNE	Mar 2013 To Mar 2015	1,45,000/-

**Books Chapters Published: 01**

1.	<p>SYNTHESIS AND CHARACTERIZATION OF Fe<sub>3</sub>O<sub>4</sub> NANOPARTICLES</p> <p>*E. K. Kore<sup>1</sup>, J. G. Dhumal<sup>2</sup>, S. S. Bandagar<sup>2</sup> and G. S. Shahane<sup>2</sup></p> <p>INTERNATINAL CONFERECE ON ADVANCES IN MATERIALS SCIENCE (ICAMS) – 2017 ISBN: 978-81-931247-6-5 P 79-84</p>
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**Publication in Conferences: 02**

<b>Sr.No.</b>	<b>Title</b>	<b>Organizing Body</b>
1	Investigation on Superparamagnetic Cobalt Ferrite Nanoparticles	International conference, at KBP Mahavidyalaya, Pandharpur 09-11 Mar 2015

2	Structural and Magnetic Properties of Fe <sub>0.5</sub> Mn <sub>0.5</sub> Fe <sub>2</sub> O <sub>4</sub> Ferrite Nanoparticles Jyoti Dhumal <sup>1</sup> , E. K. Kore <sup>1</sup> , S. S. Bandgar <sup>1</sup> , J. A. Ukirade <sup>2</sup> and G. S. Shahane <sup>1*</sup>	<i>Proceeding of International conference on Advances in Materials Science ISBN 978-93-5254-490-5 p 375-377</i>

**Text books written: 03**

Sr. No.	Title of Book	Publisher
1	Electrodynamics B.Sc.III Sem VI PaperXI	Nirali Prakashan, Abhyudaya Pragati, Shivaji Nagar,
2	Classical Mechanics B.Sc.III Sem V	Nirali Prakashan, Abhyudaya Pragati, Shivaji Nagar,
3	Quantum Mechanics B.Sc.III Sem VI	Nirali Prakashan, Abhyudaya Pragati, Shivaji Nagar,

**Workshops completed: 04**

<b>Sr. No.</b>	<b>Title</b>	<b>Organizing Body</b>
1	Workshop on telescope making	IUCAA, PUNE
2	Workshop on syllabus discussion	02 University level workshops
3	International workshop on Nanotechnology and Advanced Functional Materials	NCL, pune 24-25 July 2013
4	Awareness Workshop of UGC-DAE Consortium For Scientific Research	Dept of Physics, Rajaram College, Kolhapur 20-21 Feb, 2015