

## Bio-Data



1. **Name (in Block Letters)** : Dr. VINOD KONDIBA BAROTE  
2. **Father's Name** : KONDIBA KADUBA BAROTE  
3. **Department** : Physics  
**Faculty** : Science  
4. **Current Designation** : Assistant Professor  
**Grade Pay** : AGP 7000  
5. **Date of Selection and Post held** : 21/06/2012, Assistant Professor  
6. **Date and Place of Birth** : 02/01/1981 (Madani Tq. Sillod.  
Dist.Aurangabad)  
7. **Sex** : Male  
8. **Marital status** : Married  
9. **Nationality** : Indian  
10. **Indicate whether belongs to SC/ST/OBC category:**

S.C	S.T.	D.T. (A)	N.T. (B)	N.T. (C)	N.T. (D)	O.B.C.	S.B.C.	Open
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### 11. Address for correspondence (with pin code)

*Dr. Vinod Kondiba Barote  
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### 12. Permanent Address (with pin code)

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### 13 Academic Qualification (Metric to Post Graduation)

Sr. No.	Examination	University / Board	Month & Year of passing	Subjects Special./Gen		Marks		Percentage of Marks	Class / Div / Grade Awarded
				Prin.	Sub	Obt.	Total		
1.	SSC	Maharashtra State Board, Aurangabad	1997	English Marathi Hindi	Science Social science, Mathematics	468	750	62.40	I
2	HSC	Maharashtra State Board, Latur	2000	Eng. Marathi	Physics, Chemistry, Psychology Biology	348	600	58.00	II

3	B.Sc.	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	2003	Physics, Computer Science, Chemistry	2394	3700	64.70	I
4	M.Sc.	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	2006	Physics	799	1200	66.58	I

#### 14 Research Degree(s)

	Degrees	Title	Date of Award	University
1	M.Phil / M.Lit	-	-	-
2	Ph.D / D.Phil	Photon interaction cross-section for elemental solids and composite materials	03/04/2012	Dr.Babasaheb Ambedkar Marathwada University, Aurangabad
3	D.Sc/ D.Lit	-	-	-

#### 15 Position Held Prior to applying this institution (Please attach separate sheet if necessary)

	Designation	Name of Employer	Date		Salary with grade	Reason for leaving
			Joining	Leaving		
1.	Contributory Teacher for UG	Sant Dnyaneshwar Mahavidyalaya, Soegaon	2007	2011	Clock hour basis	Temporary

#### 16. Positions held in this institution

Designation	Department	Period of working	
		From	To
Assistant Professor	Physics	21/06/2012	Till date

17. Period of teaching Experience :

i) P.G. Classes : Nil

ii) U.G. Classes : 08Years

18. Research Experience excluding years spent for M. Phil/Ph.D.: 04 Years

19. Fields of Specialization under the subject/Discipline : Nuclear Physics

20. Academic Staff College Orientation/Refresher Course attended:

Sr. No.	Name of the Course/ Summer School	Place	Duration	Sponsoring Agency
1.	101 Orientation Programme	UGC-Academic Staff college, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad-431004	2 <sup>nd</sup> to 30 <sup>th</sup> Jan 2014	UGC

2.	28 <sup>th</sup> Refresher Course	UGC-Human Resource Development Centre, Devi Ahilya Vishwavidyalaya, Indore.	8 <sup>th</sup> – 28 <sup>th</sup> June 2016	UGC
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## 21. Published Papers in Journals

Sr. No	Title with Page no	Journal	ISSN/ ISBN	Whether Peer Reviewed impact factor, if any	No of co-authors	Whether you are main author
1	Photon interaction cross-section of elemental solids Ag, Cu and Fe in the energy range 0.360MeV-1.33MeV	JOCPR	0975-7384 CODEN(USA) : JCPRC5	Peer reviewed Impact Factor:0.5	04	Yes
2	Effect of collimator diameter on attenuation of gamma rays in the energy range 0.360MeV-1.33MeV	ISRJ	2230-7850	Peer reviewed Impact Factor:0.251	04	Yes
3	Influence of Mn <sup>4+</sup> tetravalent substitution on magnetic variation of nickel ferrite	ISRJ	2230-7850	Peer reviewed Impact factor:0.251	05	Second
4	Sol-Gel Preparation And Variation Of Hopping Lengths And Allied Parameters In Lithium Ferrite Nanoparticles Substituted By Ce <sup>3+</sup> Ions.	ISRJ	2230-7850	Yes Impact Factor : 3.1560(UIF)	05	Third
5	Effect of sample thickness on attenuation of gamma rays in the energy range 0.360 MeV- 1.33 MeV	IJRABA S	ISSN 2394-4072	-	04	Yes
6	Sol-Gel Preparation And Variation Of Hopping Lengths And Allied Parameters In Lithium Ferrite Nanoparticles Substituted By Ce <sup>3+</sup> Ions.	ISRJ	2230-7850	Yes Impact Factor : 3.1560(UIF)	05	Third

## 22. Conference Papers publication:

Sr. No	Title with Page no	Details of Conference Publication	ISSN/ ISBN	No of co-authors	Whether you are main author
1	Role of Tungsten oxide on structural and magnetic properties of Ni Cu Zn ferrite (87-91)	NCRTMPA-2014 organized by dept. of Physics, Shankarlal Khandelwal Arts, Science and Com. College, Akola	978-81-929160-2-6	04	Third

2	Effect of sample thickness on attenuation of gamma rays in the energy range 0.360 MeV- 1.33 MeV.	National conference on material Science- 2014 organized by dept. of Physics Mrs. K.S.K. Alias Kaku Arts Science & Com. College Beed.	2394-4072	05	Yes
3	Attenuation of gamma rays in Zn Elemental solid in the energy range 0.360 MeV – 1.33 MeV	NCMST-2014 organized by dept. of Physics Milliya College, Beed.		04	Second

### **23. Details of Conference/ Workshop/Seminar/ Symposium:**

#### **Conference:**

<b>Title</b>	<b>Level</b>	<b>Place</b>	<b>Period</b>	<b>Participated/ Presented</b>
National conference on current trends in materials research for advanced technology	National	Dept. of Physics Dr.B.A.M.Unive rsity, Aurangabad	29-31 Jan 2007	participated
Magnetic materials and their applications in 21 century	International	N.P.Laboratory, New Delhi.	21-23 Oct. 2008	participated
National conference on material science trends and future 2010	National	Vidhyabharti mahavidyalaya, Amravati.	6-7 Jan 2010	Poster presented
National conference on materials science -2014	National	KSK College Beed.	12-13 Dec. 2014	Oral presented
National conference on material science and Techonology-2014	National	Milliya College Beed.	23-24 Dec. 2014	Oral presented
Recent trends in Mathematics, Physics and their Application	National	Shankarlal Khandelwal College Akola	19 March 2014	Poster presented

#### **Workshop:**

<b>Title</b>	<b>Level</b>	<b>Place</b>	<b>Period</b>	<b>Participated/ Presented</b>
Radiochemistry and applications of radioisotopes (67 <sup>th</sup> IANCAS)	National	Dept. of Physics Dr.B.A.M.University, Aurangabad	11-18 Aug. 2008	participated
One Day Workshop on Physics Practicals B.Sc. III year	-	Dept. of Physics Deogiri College Aurangabad.	22 Jan 2011	participated

**Seminar:**

Title	Level	Place	Period	Participated/ Presented
Observational facilities for Astronomical studies	National	Dept. of Physics Millind College of Science, Aurangabad.	20-21 Jan. 2009	participated
Nano science and Nanotechnology present Scenario	-	Dept. of Physics Karmaveer Mamasahab Jagdale Mahavidyalaya Washi.	21 Nov. 2009	participated
Innovative teaching methods in Physics	National	Deogiri College, Aurngabad.	30-31 Aug.2013	Participated

**Symposium:**

Title	Level	Place	Period	Participated/ Presented
Advances in materials and Technology.	National	Gujcost Gandhi Nagar DST New Delhi.	3-4 Feb. 2012	participated

**24. Life Membership:**

**Life member of Indian Nuclear Society Bhaba Atomic Research Center Trombay, Bombay 28-02-2008.**

**25. Details of Projects (Minor/ Major): Nil**

**26. Publication of Book: Numerical Physics, Atomic and molecular physics**

**27. Innovations/ Contributions in Teaching:**

- a) Design of curriculum
- b) Teaching Methods
- c) Laboratory Experiments
- d) Evaluation methods
- e) Preparations of resource material   
Including books, reading materials,  
Laboratory manuals etc.
- f) Remedial teaching/ Students consulting (academic)