

## **CURRICULUM VITAE**

***Mr. Parshuram B. Abhange***



### **Contact Details**

#### **Official Address**

Department of Physics,  
Raje Ramrao College,  
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#### **Home Address**

A/P- Umarani, Tal- Jath,  
Dist- Sangli, Pin: 416 404,  
Maharashtra, India.

### **Personal Details:**

**Date of Birth:** 01/05/1979. **Marital Status:** Married.

### **RESEARCH EXPERTISE**

- 1) Synthesis of new materials for microwave applications.
- 2) Synthesis of material by solid state ceramic and hydroxide co-precipitation method.
- 3) Characterization of materials for dielectric and impedance analysis.

**PROFESSIONAL EXPERIENCE**

1. **2011 to till date** – as a **Assistant Professor in Physics** on CHB Basis at Department of Physics, Raje Ramrao College, Jath, Dist: Sangli – 416404, Maharashtra, **India**.

**1. Academic Credentials**

Sr. No.	Degree awarded	University	Subjects	Class Obtained	Year of Passing
1.	Ph.D*	Jawaharlal Nehru Technological University, Hyderabad	Physics	-	Submitted
2.	M. Sc.	Shivaji University Kolhapur, India	Physics (Modern Optics)	Second Class	2003
3.	B. Sc.	Shivaji University Kolhapur, India	Physics	Second Class	2000

\* Title of PhD Thesis: “**Some studies on modified ferro/antiferroelectric materials for microwave application**” (2010-16) under the guidance of Dr. Shrikant R. Kokare (Supervisor), Raje Ramrao College, Jath and Prof. S. Chandralingam (Co-Supervisor), Jawaharlal Nehru Technological University, Hyderabad.

**2. Total of Research Publications: 04**

Sr. No.	Title	Journal Name	Year	Vol. PP.
1.	Dielectric studies on cerium doped BaLa <sub>2</sub> Ti <sub>3</sub> O <sub>10</sub>	Processing and Application of Ceramics <b>ISSN 1820-6131</b>	2015	Vol. No. 9(4) PP 203-208
2.	Synthesis and Characterization of Lanthanum Doped BaNd <sub>2</sub> Ti <sub>3</sub> O <sub>10</sub>	International Journal of Innovation in Science and Mathematics <b>ISSN 2347-9051</b>	2016	Vol. 4 Issue 1 PP 11-16
3.	Structural and dielectric studies of lanthanum-doped barium neodymium titanate	Journal of the Chinese Advanced Materials Society	2016	DOI : 10.1080 / 22243682.2016.111376 PP 1-8
4.	The structural, morphological and electrical properties of BaNd <sub>1.96</sub> La <sub>0.04</sub> Ti <sub>3</sub> O <sub>10</sub> ceramic	Materials Letters	2016	Vol. 175(2016) PP 161-164

Note: *The information provided may change in future.*

**3. List of Publications in Conferences/Seminars: 07**

Sr. No.	Title	Author names	Name of Conference/Seminar	ISBN If any
1.	Studies on $Sr_{(1-x)}La_xTi_{(1-x)}Bi_xO_3$ Polycrystalline Ceramic	S.S. Shendage, P.B.Abhange, S.R.Jigjinee, S.Chandralingam and S.R.Kokare	NTMS-2011, Indapur, Maharashtra, India.	
2.	Structural and dielectric measurementson $Ba_{(1-x)}La_xTi_{(1-x)}Bi_xO_3$ ceramic	S.B.Patil, P.B.Abhange, N.T.Padal, S.Chandralingam and S.R.Kokare	NSFD-2012, Bhubaneswar, Odisha, India.	
3.	Synthesis and Characterization of $BaNd_{2-x}La_xTi_3O_{10}$ and $BaNd_{2-x}La_xTi_4O_{12}$ ceramics	P.B.Abhange, S.S.Dhasade, J.V.Thombare, S.Chandralingam and S.R.Kokare	ICNM-2014, Kottayam, Kerala, India.	
4.	Determination and Analysis of Dispersive Optical Constant of Polypyrrole Thin Film	J.V.Thombare, P.B.Abhange, S.S.Dhasade, V.J.Fulari	ICNM-2014, Kottayam, Kerala, India.	
5.	Synthesis and characterizationof $BaTi_xZr_{(1-x)}O_3$ for microwave application	P.B.Abhange, V.C.Malvade, S.Chandralingam and S.R.Kokare	National Conference, Ichalkaranji, Maharashtra, India.	ISBN 978-81-926341-2-8
6.	Structural and Dielectric studies of Lanthanum doped Barium Neodymium Titanate	P.B.Abhange, V.C.Malvade, S.Chandralingam and S.R.Kokare	International Conference on Materials Science & Technology at Delhi University, Delhi	1-4 March 2016
7.	Synthesis and Characterization of Lanthanum doped $BaLa_2Ti_3O_{10}$	P.B.Abhange, V.C.Malvade, S.Chandralingam and S.R.Kokare	International Conference on Materials Science & Technology at Delhi University, Delhi	1-4 March 2016

**4. Extra-Curricular Activities**

1) MS-CIT-2002

I hereby declare that all the information given above is correct to the best of my knowledge.

Mr. Parshuram B. Abhange

Date: 29 / 07 / 2016