

RESUME

Name: Dr. Parshuram Baburao Abhange
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EDUCATIONAL QUALIFICATIONS:

Name of Exam. Passed	Year of Passing	Board / University	Subject Offered	% of Marks	Remark
Ph.D.#	2017	Jawaharlal Nehru Technological University, Hyderabad	Physics	--	Awarded
M. Sc.	2003	Shivaji University Kolhapur,	Physics	56.25 %	Second class
B.Sc.	2000	Shivaji University Kolhapur,	Physics	58 %	Second class
H. Sc.	1997	Pune Board	PCMB	53.33 %	Second class
S.S.C.	1995	Pune Board	All	75.71 %	First class with distinction
# Title of Thesis:- “Some studies on modified ferro/antiferroelectric materials for microwave application”,					

Teaching experience:

Working as Assistant Professor at G. M. Vedak College of Science, Tala, Raigad from 9th Oct. 2017 till date.

LIST OF PUBLICATIONS:

A)	Paper Published / Accepted to the cited National / International Journals :
[1]	Structural and Dielectric Properties of modified $BaLa_2Ti_3O_{10}$ Ceramic, Parshuram B. Abhange , International Multidisciplinary e-Journal, 13(5) (2024) 64-69.
[2]	Electrodeposited Nanoleaves (NLs) like Mn_3O_4 thin film for electrochemical supercapacitor, P. M. Kharade, J. V. Thombare, S. S. Dhasade, S. D. Patil, P. B. Abhange , D. J. Salunkhe, International Journal of Scientific Research in Science and Technology, 9(11) (2022) 30-36.
[3]	Electrochemical Synthesis of Manganese Oxide Thin Film for Super Capacitor, P. M. Kharade, J. V. Thombare, S. D. Patil, S.S. Dhasade, P. B. Abhange , R. S. Gaikwad, C.S. Pawar, S. S. Deokar, D.J. Salunkhe, International Journal of Scientific Research in Science and Technology, 9(2) (2021) 87-90.
[4]	Structural, Morphological and Supercapacitive Performance of Electrodeposited PPy/ Co_3O_4 Thin Film, P. M. Kharade, J. V. Thombare, S. S. Dhasade, P. B. Abhange , R.S.Gaikwad, S. D. Patil, D. J. Salunkhe, International Journal of Scientific Research in Science and Technology, 8 (2021) 29-33.
[5]	Dielectric Studies of Lanthanum-Doped $BaNd_2Ti_3O_{10}$, Parshuram B. Abhange and Shrikant R. Kokare, Macromolecular Symposia, 387 (2019) 1-4.
[6]	The structural, morphological and electrical properties of $BaNd_{1.96}La_{0.04}Ti_3O_{10}$ ceramic, P. B. Abhange , V. C. Malvade, S. Chandralingam, J. V. Thombare, S. R. Kokare, Materials Letters, 175(2016)161–164.
[7]	Structural and dielectric studies of lanthanum doped barium neodymium titanate, P. B. Abhange , V. C. Malvade, S. R. Kulal, S. Chandralingam & S. R. Kokare, Journal of the Chinese Advanced Materials Society, 2016.
[8]	Dielectric studies on cerium doped $BaLa_2Ti_3O_{10}$, Parshuram B. Abhange , Vijaykumar C. Malvade, Sonnati Chandralingam, Shrikant R. Kokare, Processing and Application of Ceramics, 9 [4] (2015) 203–208.
[9]	Synthesis and Characterization of Lanthanum Doped $BaNd_2Ti_3O_{10}$, P. B. Abhange , V. C. Malvade, S. Chandralingam, S. R. Kokare, International Journal of Innovation in Science and Mathematics, Volume 4, Issue 1, ISSN (Online): 2347–9051.

B)	Papers Presented/Accepted at National and International Conferences / Seminars / Symposia :
[1]	“Synthesis of Lanthanum doped BaTiO ₃ ceramic materials for Structural and morphological study”, International Multi-disciplinary Conference on “Global Paradigm Shift: Initiatives of India in Science, Education, Technology, Business and Climate (2024), Veer Wajekar Arts, Science and Commerce College Mahalan Vibhag, Phunde, Raigad (MS) India.
[2]	“Structural and Dielectric Characterization of La Doped Barium Neodymium Titanate”, International e-Conference on Advancements in Material Science: Trends and Applications (ICAMSTA-2024), Mahatma Phule Arts, Science and Commerce College, Panvel, Raigad (MS) India.
[3]	“Structural and morphological study of BaNd _{1.98} La _{0.02} Ti ₃ O ₁₀ and BaNd _{1.96} La _{0.04} Ti ₃ O ₁₀ ceramics”, International Conference On Advanced Materials and Applications” (ICAMA-2023) (Online), Tisangi, Kolhapur (MS) INDIA.
[4]	“Structural and Morphological Study of Lanthanum doped BaNd ₂ Ti ₃ O ₁₀ ”, P. B. Abhange , Sixth International Conference on Advances in Materials Science (Online) (ICAMS – 2021), Post – Graduate Department of Raje Ramrao Mahavidyalaya, Jath, Maharashtra, India .
[5]	“Structural, Morphological and Supercapacitive Performance of Electrodeposited PPy/Co ₃ O ₄ Thin Film” P. B. Abhange , International E-Conference on Recent Advances in Material Science and Nanotechnology RAMAN (2021), Arts, Commerce & Science College, Maregaon, Maharashtra, India.
[6]	“Synthesis and Dielectric Studies of La doped BaNd ₂ Ti ₃ O ₁₀ ”, Parshuram B. Abhange , International Conference on Multifunctional Electronic Materials and Processing (MEMP-2021), Centre for Materials for Electronics Technology (C-MET), PUNE, Maharashtra, India.
[7]	“Synthesis and Characterization of Mn-Co Mixed Metal Oxide Electrode for Supercapacitor”, P. B. Abhange , Fourth International Conference on Advances in Materials Science (ICAMS-2020), Post – Graduate Department of Physics, Raje Ramrao Mahavidyalaya, Jath, Maharashtra, India .
[8]	“ Synthesis of Z-type Hexaferrite Material for Fabrication of Integrated Inductors”, P. B. Abhange , Third International Conference on Advances in Materials Science (ICAMS-2018), Post – Graduate Department of Physics, Raje Ramrao Mahavidyalaya, Jath, Maharashtra, India .

[9]	“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 (2016), Delhi University, Delhi.
[10]	“Studies on complex impedance of $\text{BaNd}_{2-x}\text{La}_x\text{Ti}_3\text{O}_{10}$ and $\text{BaNd}_{2-x}\text{La}_x\text{Ti}_4\text{O}_{12}$ ceramic” P. B. Abhange , V. C. Malvade, S. Chandralingam and S. R. Kokare, International conference on advances in material science, Raje Ramrao College, Jath (MH) India, ISBN 978-93-5254-490-5.
[11]	“Synthesis and Characterization of $\text{BaNd}_{2-x}\text{La}_x\text{Ti}_3\text{O}_{10}$ and $\text{BaNd}_{2-x}\text{La}_x\text{Ti}_4\text{O}_{12}$ ceramics, P. B. Abhange , S.S.Dhasade, J.V.Thombare, S.Chandralingam and S.R.Kokare, ICNM-2014, Kottayam, Kerala, India.
[12]	“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.
[13]	“Synthesis and characterization of $\text{BaTi}_x\text{Zr}_{(1-x)}\text{O}_3$ 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.
[14]	“Synthesis and Characterization of Lanthanum doped $\text{BaLa}_2\text{Ti}_3\text{O}_{10}$ ”, P.B.Abhange , V.C.Malvade, S. Chandralingam and S.R.Kokare, International Conference on Materials Science & Technology (2016), Delhi University, Delhi.
[15]	“Structural and dielectric measurements on $\text{Ba}_{(1-x)}\text{La}_x\text{Ti}_{(1-x)}\text{Bi}_x\text{O}_3$ ceramic”, S. B. Patil, P. B. Abhange , N. T. Padal, S. Chandralingam and S. R. Kokare, NSFD-2012, Bhubaneswar, Odisha, India.
[16]	“Studies on $\text{Sr}_{(1-x)}\text{La}_x\text{Ti}_{(1-x)}\text{Bi}_x\text{O}_3$ Polycrystalline Ceramic”, S.S. Shendage, P. B. Abhange , S.R.Jigjinee, S.Chandralingam and S.R.Kokare, NTMS-2011, Indapur, Maharashtra, India.

Book Chapters in Edited Books:

1. A BRIEF REVIEW ON SYNTHESIS METHODS OF FERROELECTRIC MATERIALS, **Parshuram B. Abhange**, Vijay S. Raykar and Vivek A. Rane, Research Trends in Material Science (ISBN: 978-93-88901-83-3), 81-88, (2023) Bhumi Publishing, India.

2. A COMMENTARY ON CHARACTERIZATION OF FERRITES, Vivek A. Rane, Vijay S. Raykar and **Parshuram B. Abhange**, Advances in Science and Technology Volume IV (ISBN: 978-93-88901-52-9), 133 – 138, (2023) Bhumi Publishing, India.
3. SIMULATION OF THERMAL CONDUCTIVITY OF NANOFUIDS BASED ON CLASSICAL MODEL, Vijay S. Raykar, Vivek A. Rane and **Parshuram B. Abhange**, Advances in Science and Technology Volume II (ISBN: 978-93-88901-41-3), 147 – 150, (2023) Bhumi Publishing, India.

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