

BIODATA

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DEPARTMENT : Physics
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TEACHING EXPERIENCE : 24 years
RESEARCH EXPERIENCE : 20 years
BOOKS PUBLISHED : Nil
RESEARCH ARTICLES PUBLISHED : 06

1.Magnetic properties of copper ferrite nanoparticle synthesized by sol-gel auto combustion technique Page No. 13-15, International Journal of Advanced Research In Basic And Applied Science (Vol 1, 2, Jun 2016), ISSN:-2394-4072

2. Effect of Zinc substituted on Magnetic Properties of Nickel Ferrite Nanoparticles , Page No. 41 to 48, International Journal of Education and applied Sciences Research Vol 3 Issue 5, ISSN :-2455-TSZY

3. Influence of Bi³⁺ substitution on the structural properties Mn-ferrite ,Page No. 54 to 61, International Journal of Human Research and Industrial Research,Vol,3 Issue 4, ISSN:-2349-3593

4. Synthesis and Dielectric Properties of Zn Doped Magnesium Ferrite Nanoparticles at Room Temperature Page No. 1 to 3, International Journal of Current Research ,Vol,8 Issue,9, ISSN (Online),0975-833x.

5. Electrical Properties of Zn Substituted MgFe₂O₄ Spinel ,Ferrite Nanoparticles Page No. 5 to 7, International Archive of Applied Sciences and Technology Vol; 7(3), ISSN :-2277-1565

6. Structural Investigations and Cation Distribution of Zn Substituted MnFe₂O₄ Spinel Ferrite Nanoparticles- Page No. 8 to 11, International Archive of Applied Sciences and Technology Vol; 7(3).

RESEARCH PAPER PRESENTED : 6

1. Magnetic properties of copper ferrite nanoparticle synthesized by sol-gel auto combustion technique
Page No. 13-15, International Journal of Advanced Research In Basic And Applied Science (Vol 1, 2, Jun 2016), ISSN:-2394-4072
2. Effect of Zinc substituted on Magnetic Properties of Nickel Ferrite Nanoparticles ,Page No. 41 to 48,
International Journal of Education and applied Sciences Research Vol 3 Issue 5, ISSN :-2455-TSZY
3. Influence of Bi³⁺ substitution on the structural properties Mn-ferrite ,Page No. 54 to 61, International
Journal of Human Research and Industrial Research, Vol,3 Issue 4, ISSN:-2349-3593
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6. Structural Investigations and Cation Distribution of Zn Substituted MnFe₂O₄ Spinel Ferrite
Nanoparticles- Page No. 8 to 11, International Archive of Applied Sciences and Technology Vol; 7(3).

RESEARCH PAPER PRESENTED : 16

1. Structural transport and electrical properties of Y₃GaxCrxFe_{5-2x}O₁₂
Proceedings of DAE-BRNS National Symposium 1999
Kolhapur
Paper presentation- Dept. of Physics Kolhapur, National
2. Structural & Cation Distribution study of Ni-Si Substituted
Yttrium Iron Garnet
(NCMRAT-2007).
Paper presentation- Dr. BAMU
Aurangabad, National.
3. Radiochemistry and Application of Radio Isotopes, 67th BRNS-IANCAS
Paper presentation- Dept of Physics
Dr. BAMU, Aurangabad- National
4. Effect of gallium and
Chromium Co-substitution on magnetic and Mossbauer properties of Yttrium Iron Garnet
Nano Technology, Fundamentals Applications, Vaijapur.
Paper presentation- V.P. College Vaijapur- National.

5. Characterization & Magnetic Properties of Nano Crystalline MgFe_2O_4 Powder Prepared By Sol Gel Auto Combustion Method- International Conf. on Physics of materials and material based devise ICPM-MDF-2012.
Paper presentation- Shivaji University Kolhapur-International.
6. X-ray and magnetic studies of Co substituted Yttrium Iron Garnet.
Recent Trends In Material Science
Paper presentation- Shirur, Dist Pune, State
7. The Effect of Quenching on Structural & Magnetic Properties of Copper Ferrite Nano Particles.
Advances in Material Science and Technology AMST-2012,
Paper presentation- Gujrat University
Ahmadabad, National.
8. Electrical properties of Co-substituted Yttrium Iron Garnets National Dept. of Nanotechnology
Dr. BAMU Aurangabad NIPRst 2012.
Dept. of Nanotechnology, Paper presentation, Dr. BAMU
Aurangabad, National.
9. Effect of Al-Cr Substitution on Magnetic, Dept. of Nanotechnology,
Paper presentation, Dr. BAMU, Aurangabad, National.
10. Nanomaterials : Applications and properties,
Nanomaterials : Applications and properties NCNAP-2013,
Paper presentation, Arts , Commerce And science college, Sonai, National.
11. Impact of synthesis Route on structural properties of chromium substituted $\text{Mg-Fe}_2\text{O}_4$
Icfmnc-2015 Pandharpur,
R. B. Narayanrao Borwale College Srirampur, Dist. Ahamdnagar, Dept. Physics K.B.P.M
Pandharpur Solapur, International
12. A comparative study of bulk and nano-size zinc ferrite- Nano basics and its Application,
R. B. Narayanrao Borwale College Srirampur, Dist.
Ahmadnagar R. B. Narayanrao Borwale College Srirampur, Dist.
,Ahmadnagar-State.
13. Effect of Cd^{2+} Substitution on Physical Properties of Ferrite, Innovation In Nanomaterials
and Nanotechnology 2017(NCINMNT-2017)
Paper presentation- Rajeshri Sahu College, Pathri, National.

14. Synthesis and Structural Characterization of $ZnFe_2O_4$ Nanoparticles, Nanostrurals Materials and Nanotechnology, Paper presentation- Indraraj College Sillod- National.
15. Nanostrurals Materials and Nanotechnology of Ferrites, Function Material Synthesis and Characterization Techniques (NCFMSCT-2019), Paper presentation- Mukrtanand College, Gangapur, National.
16. Sol-gel auto Combustion synthesis, structural and Infrared Properties of Nickel Ferrite. Nanoparticles, Nanobasics and its Applications' Vaidynath College, Parli, National.

RESEARCH STUDENTS : 1) REGISTERED - 03
2) THESIS SUBMITTED -(NO.)
3) AWARDED - 02

RESEARCH PROJECT / SURVEY : MAJOR / MINOR
1) ONGOING- (NO.) FUNDING AGENCY:
2) COMPLETED-02

FUNDING AGENCY research project : ugc and bamu for minor

(NAME OF FACULTY)
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