



**Rayat Shikshan Sanstha's**  
**Yashwantrao Chavan Institute of Science, Satara (Autonomous)**  
**Lead College of Karmaveer Bhaurao Patil University, Satara**

**Faculty Profile**

❖ **General information**

**Name** : Dr.Priyanka Bhagwan Kashid  
**Designation** : Assistant Professor  
**Department** : Physics  
**Educational Qualification** : M.sc, B.ed, Ph.D  
**Date of Appointment** : 19/06/2018  
**Teaching Experience** : UG: 1 years  
PG: 4 years  
**Research Experience** : 10 years  
**Research Area** : Hexaferrite Nano materials



❖ **Educational Qualification Details (undergraduate onwards)**

Sr. No.	College/University	Degree	Subjects	Year	Class/ Percentage
1	KNP college Walwa	B.Sc.	Physics	2006	62.42
2	Shivaji University, Kolhapur	M.Sc	Physics	2008	57.42
3	SPUP, Pune	B.Ed	Maths.Science	2009	67.08
4	Shivaji University, Kolhapur	Ph.D	Physics		

❖ **Academic and Administrative Responsibilities**

Sr. No.	Position	Organization	Date/Duration
1	Assistant Professor/Head department of general science	Yashoda technical Campus satara	13/06/2016 to 18/06/2018
2	Assistant professor	Yashwantrao Chavan Institute of Science, satara	From 19/06/2018
3	Art circle committee Member	Yashwantrao Chavan Institute of Science, satara	From 31/06/2020
4			
5			



❖ **Awards/Honors/Recognitions/Scholarship etc.:**

Sr. No.	Name of the award/honor/recognition	Awarding Organization	Date and year
1	UGC-Meritorious fellow	UGC	26/06/2012
2			
3			
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❖ **Membership to Professional Organizations/Associations:**

Sr. No.	Membership type (Annual/Life/any other)	Organization/Association	Date and year
1			
2			
3			
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❖ **Worked as Editor/Reviewer to Journals/Books/Proceedings etc.**

Sr. No.	Name of the Journal/Book/Proceedings	ISSN/ISBN No.	Assignment (Editor/Reviewer)	Publisher	Publication year
1					
2					
3					
4					
5					

❖ **Research Projects (Ongoing/Completed)**

Sr. No.	Title of Project	Duration	Amount Sanctioned (in Lakhs)	Agency	Status (Ongoing/Completed)
<b>Major Research Project</b>					
1					
2					
<b>Minor Research Project</b>					
1	DBT-STAR	1 year	30,000	YCIS	completed
2					

❖ **Research Guidance:**

- Number of students (M.Phil)      1) Completed:      2) Registered:
- Number of students (Ph.D.)      1) Completed:      2) Registered:

❖ Details of Research Publications

**A) Patent**

Sr. No.	Title	Patent No.	Indian/US/ Any other	Granting date
1				
2				
3				
4				
5				

**B) Books/Book Chapters**

Sr. No.	Title	Publisher	Year of Publication	ISBN No	Type (Reference/Text)
1					
2					
3					
4					

**C) Datasets Submission**

Sr. No.	Title	Accession No.	Data base	Year of publication
1				
2				
3				
4				

**D) Research papers:**

Sr. No	Title of paper	Journal/proceeding details (Name, volume, page no, year of publication etc.)	ISSN No	Listed in Scopus/Web of Science/ UGC Care	Impact factor (If any)
1	<i>Modification of Nanostructured Mixed Hexaferrite Using a Polyethylene Glycol Template</i>	<i>Micro and Nano Letters</i>	1750-0443	yes	0.83

2	Microwave Permittivity and Permeability of $Mg_xMn_{(0.9-x)}Al_{0.1}Zn_{0.8}Fe_{1.2}O_4$ Thick Films Using Superstrate Method	Microelectronic international	1356-5362	yes	2.96
3	<i>Structural, Electrical and Magnetic Properties of <math>SrCo_xFe_{12-x}O_{19}</math> (<math>0 \leq X \leq 1</math>) Prepared by Co-precipitation Method</i>	<i>Advances in Ceramic Science and Engineering</i>	2325-6885	yes	1.010
4	<i>Synthesis, Characterization and Microwave Properties of Strontium Hexaferrite Thin Films Prepared by Chemical Bath Deposition</i>	Applied Surface Science	0169-4332	yes	3.15
5	<i>Influence of <math>Co^{++}</math> ion concentration on magnetic and microwave properties of <math>Ba(4-X)Co(2+X)Fe_3O_6</math> (<math>Ba-MY</math>) hexaferrite</i>	<i>Journal of Materials Science : Materials in Electronics</i>	0957-4522	yes	2.09
6	Effect of PEG and Mn on microwave properties of nanosized $Ba_4Co_2Fe_3O_6$ hexaferrite bulk	Materials Today: Proceedings	2214-7853	yes	1.24

**E) Paper Presentation in Conference /Seminar/ Symposia:**

Sr. No	Title of paper	Name of the Conference /Seminar/ Symposia Details (Title, Date, Page No etc.)	Level (Intl/Natl/State /Uni etc.)	Organizing institute
1	Structural and Microwave Properties of $SrCo_xFe_{(12-x)}O_{19}$ , International Conference on Physics of Materials And	ICPM-MDF 2010	International	SUK

	Materials Based Device Fabrication			
2	Microwave, Antenna and Propagation for Modern Wireless Communication	National workshop	National	Bharati Vidyapeeth Pune
3	Investigation On The Properties Of Barium Hexaferrite Composite	MRSI-2011	International	Indor, Madhpradesh
4	Microwave Studies of Nano-sized $a_4Co_2Mn_{(0.2)}Fe_{(35.8)}O_{60}$ Mixed Hexaferrite, Micro and Supramolecular Architectures and Materials	MAM-2012	International	Coimbatore, Tamilnadu
5	Investigation on the Properties of Multiphase Hexaferrite Mixture	ICPM-MDF 2012	International	SUK
6	Organic Electronic Devices	Workshop	National	SUK
7	Properties of Nanosized $Ba_4Co_2Fe_{36}O_{60}$ Mixed Hexaferrite in the 13-18 GHz Range	ICPM-MDF-2014	International	SUK
8	Physics of Material and Materials Based Device Fabrication	NSPM-MDF-2014	International	SUK
9	Studies of Nanostructured Barium Hexaferrite Composite	ICAAMS-2014	International	Gokhale College, Kolhapur
10	Structural, Morphological & Microwave Properties of X-type Barium Hexaferrite by Chemical Co-precipitation Method	”, International Conference on Advanced and Applied Material Science, 2014	International	SUK
11	Study of Microwave Properties of $Ba_4Co_2Fe_{36}O_{60}$ Nanomaterial Under an Effect of PEG and Mn	Rayat Avishkar-2018-19	college level	Y.C.I.S. Satara
12	Microwave Properties of Nanostructured Barium Hexaferrite With Addition of Polyethylene Glycol	Rayat Avishkar-2018-19	District level	S.G.M. college Karad
13	Microwave Study of Mixed	Rayat Avishkar-2018-	State Level	SUK

	<i>Barium Hexaferrite Nanoparticles</i>	19		
14	<i>Modification of Microwave Properties of Mixed Barium Hexaferrite Nanomaterial by co precipitation Method Under an Effect of PEG</i>	International conference on Chemistry Environment and Energy 2019	International	Y.C.I.S, Satara
15				

#### **F) Citation Index**

	Google Scholar	Scopus	Web of Science
<b>Citations</b>			
<b>h-index</b>	18	13	
<b>i10-index</b>	3	3	

#### **❖ Participation in Orientation/Refresher/FDP/Short Term/Training Programs:**

Sr No	Name of the programme	Organizing institute	Date
1	<i>Recent Advance in UG Programme (FDP)</i>	Yashavantarao Chavan Institute of Science, Satara	2019
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#### **❖ Participation in Conference/Seminar/Symposia/Workshop/Any other programs:**

Sr. No.	Name of the event	Organizing institute	Level (Intl/Natl/State/Uni/Local etc.)	Date
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#### **❖ Resource person in Conference/Seminar/Workshop/Any other programs:**

S. No.	Title of the event	Level (Intl/Natl/State/Uni./local etc.)	Organizer	Date
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❖ **Chaired Sessions in Conference/Seminar/Workshop etc.:**

<b>S. No.</b>	<b>Title of the event</b>	<b>Level (Intl/Natl/State/Uni./local etc.)</b>	<b>Organizer</b>	<b>Date</b>
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**Signature of Faculty**