


BIODATA

**:: Name of Institute: ANANDRAO DHONDE ALIAS BABAJI MAHAVIDYALAYA,
KADA TAL. ASHTI DIST.BEED**

Full Name	Dr.VIDHATE RAGHUNATH GOPINATH	
Name of Post	Assistant Professor	
Subject	Physics	
Specialisation	Electronics	
UG/ PG Teacher	UG	
Address & Contact Details	Anandrao Dhonde Alias Babaji Mahavidyalaya, Kada Dist. Beed (414202)	
Gender	Male	
Date of Birth	18-05-1970	
Category	OBC	

:: Educational Qualification:

Name of Exam	Board/University	Passing Month-Year	Stream/Subject	Obtained/ Total Marks	% or Grade Point
Ph.D.	Dr. B.A.M.U. Aurangabad	26 Dec. 2011	Physics	NA	Awarded
M. Phil	Vinayaka mission University, Salem (T.N.)	30 Mar. 2009	Physics	260/400	65.00%
M.Sc.	S.P. Pune University, Pune	Apr.1995	Physics	1229/2000	61.45 %
B.Sc.	S.P. Pune University,	Mar.1993	Physics	788/1200	65.66 %

	Pune				
H.S.C.		March- 1990	English, Marathi, Physics, Chemistry, Biology, Maths	252/600	42.00 %
S.S.C.		March- 1988	Marathi, Hindi, English, Math., Science, Social Science	413/700	59.00 %

:: Refresher /Orientation / Short Term Courses/FDP Attended

Name of the Course	Date/ Place	Duration (Period)	Name of Organizer
28th Orientation Course	UGC- Academic Staff college, Dr. B. A. M. University, Aurangabad	26 Days 30.04.1996 to 25.05.1996.	UGC- Academic Staff college, Dr. B. A. M. University, Aurangabad
Refresher Course	Academic Staff College, Goa University. Goa.	21 Days 31.01.2006 to 20.02.2006	Academic Staff College, Goa University. Goa.
Refresher Course	UGC-Academic Staff college, Dr. B. A. M. University, Aurangabad	21 Days 02.02.2010 to 22.02.2010	UGC-Academic Staff college, Dr. B. A. M. University, Aurangabad
150th Orientation Course NSS-ETI	Ahmednagar College, Ahmednagar	07 Days 25.01.2022 To 31.01.2022	Govt. of India Ministry of Youth Affairs and Sports NSS-Empanelled Training Institution, Maharashtra, NSS-ETI Ahmednagar College, Ahmednagar
FDP on Cyber Security	FDC, Shivaji University Kolhapur	06 Days 02 Dec.2019 to 07 Dec.2019	FDC, Shivaji University Kolhapur And PMMM National Mission on Teachers and Teaching
Short Term Course (FDP) on	S.S.T. College of Arts and Commerce,	07 Days 21st Apr.2020	S.S.T. College of Arts and

Moodle Learning and Management System	Ulhasnagar, Thane	To 27th Apr. 2020	Commerce, Ulhasnagar, Thane with IITB spoken tutorial
Short Term Course (FDP) on “Innovation, IPR and Entrepreneurship”	Pillai HOC College of Arts, Science and Commerce, Rasayani	07 Days 04 May 2020 To 10 May 2020	Pillai HOC College of Arts, Science and Commerce, Rasayani.
FDP on PHP & MYSQL Training	Prahladraj Dalmia Lions College of Commerce and Economics, Malad West, Mumbai	06 Days 25 th April. 2020 to 30 th April. 2020	Prahladraj Dalmia Lions College of Commerce and Economics, Malad West, Mumbai with IIT Bombay spoken tutorial
(Short Term Course) FDP on Evolution from Offline to online Teaching	SATISH PRADHAN DNYANASADHANA, Thane	05 Days 30 th May 2020 to 03 rd June 2020	SATISH PRADHAN DNYANASADHAN A, Thane with YCMOU Mumbai centre & MICROSOFT
Online FDP on Entrepreneurship, Incubation and Innovation	MHRD PMMM National Mission	07 Days 23 rd June 2020 to 29 th June 2020	MHRD PMMM National Mission on Teachers and Teaching
FDP on ICT in Teaching & Learning Evaluation	Shri Shivaji College, Parbhani (M.S.)	07 Days 23 rd July 2020 to 29 th July 2020	Shri Shivaji College, Parbhani (M.S.) with UGC CPE, Paramarsh & STRIDE
FDP on advancement Research Opportunities in Electronics and Telecommunication Engineering	Dept. Telecommunication Engineering Bharati Vidyapeeth (Deemed Uni.)college of Engineering, Pune	05 Days 04 th Aug. 2020 to 08 th Aug. 2020	Dept. Telecommunication Engineering Bharati Vidyapeeth (Deemed Uni.)college of Engineering, Pune with IIT Bombay

FDP on ICT Based Teaching and Learning Practices in Higher Education	IQAC, Govt. Lahiri P.G.College, Chirimiri, Coriya (C.G.), C.G.India	07 Days 17 th Aug. 2020 to 23 rd Aug. 2020	IQAC, Govt. Lahiri P.G.College, Chirimiri, Coriya (C.G.), C.G.India
FDP on Skills for Next Generation Teachers	Vimala College (Autonomous) thrissure, Kerala	07 Days 01 st Dec. 2020 TO 07 th Dec.2020	Vimala College (Autonomous) thrissure, Kerala with Guru ANGAD Dev Teaching Learning Centre A Centre of MoE Under PMMMNTT
FDP on Advances in Technologies, evolving new dimensions in e-society	CSE, JIS College of Engineering, West Bengal	05 Days 2 nd Sept. 2020 To 6 th Sept. 2020	CSE, JIS College of Engineering, West Bengal

:: Working Experience:

Name of Employer	Designation	Nature of Post	From-To
Dr. Raghunath Gopinath Vidhate	Assist. Professor	Permanent	08.09.01995 To Till date

:: Research Paper Published in Journals/e-Journals:

Year of Publication (From 2022 to Joining Date)	Title of the paper	Authors	Name of Journal with ISSN/ ISBN No.	Volume/ Issue/ Page No.	Type of Journal (International/ National)	Date of Publication	Index and Impact Factor
2021-22							
1	Analysis of Structural, Electrical and Magnetic Properties of In ₃₊ Substituted Yttrium Iron Garnet. Page No:72-78	03	International Journal of Scientific Research in Science, Engineering and Technology UGC Journal No:47147 Print ISSN: 2395-1990 Online ISSN: 2394-4099 (www.ijsrset.com)	Page No:72-78	International		6.1 UGC Care Approved A Peer Reviewed/ Referred Open Access
2	Investigation of Structural and Magnetic Properties of Ni-Cu Spinel Ferrites Page No:89-93	03	International Journal of Scientific Research in Science, Engineering and Technology UGC Journal No:47147 Print ISSN: 2395-1990 Online ISSN: 2394-4099 (www.ijsrset.com)	Page No:89-93	International		6.1 UGC Care Approved A Peer Reviewed/ Referred Open Access

3	<p>Cation Distribution Study of Ni_{1-x}Cu_xFe₂O₄ Ferrite System</p> <p>Page No:168-170</p>	03	<p>International Journal of Scientific Research in Science, Engineering and Technology</p> <p>UGC Journal No:47147</p> <p>Print ISSN: 2395-1990</p> <p>Online ISSN: 2394-4099</p> <p>(www.ijrsrset.com)</p>	<p>Page No:168-170</p>	International	<p>6.1 UGC Care Approved</p> <p>A Peer Reviewed/Referred Open Access</p>
4	<p>Crystallographic and Electrical Study of Indium (In³⁺) Substituted Yttrium Iron Garnet</p> <p>Page No:48-52</p>	03	<p>Journal of Advances in applied Sciences and Technology (2022)</p> <p>vol.8 Issue 1</p> <p>ISSN: 2393-8188 (Print)</p> <p>2393-8196 (Online)</p>	<p>vol.8 Issue 1</p> <p>Page No:48-52</p>	International	<p>6.1 UGC Care Approved</p> <p>A Peer Reviewed/Referred Open Access</p>
5	<p>Study of Structural Parameters and cation Distribution of Nickel-Copper Spinel Ferrites</p> <p>Page No:12-14</p>	04	<p>Journal of Advances in applied Sciences and Technology (2022)</p> <p>ISSN: 2393-8188 (Print)</p> <p>2393-8196 (Online)</p>	<p>vol.8 Issue 1</p> <p>Page No:12-14</p>	International	

6	Structural Behavior and Initial Permeability Study of Ni-Cu Ferrite Page No:53-56	03	Journal of Advances in applied Sciences and Technology (2022) ISSN: 2393-8188 (Print) 2393-8196 (Online)	vol.8 Issue 1 Page No:53-56	International		0.54 Reviewed http://www.jettir.org/submit-pape r
2020-21							
7	Study of XRD and Dielectrical Properties of Indium (In ³⁺) Substituted Yttrium iron Garnet.	04	Aegaeum Journal Volume-8 Issue- 11, Nov.2020 Page No: 326-329	Volume-8 Issue- 11, Nov.2020 Page No: 326-329	International		0.54 Reviewed http://www.jettir.org/submit-pape r
8	Structural Properties of Vanadium Substituted Yttrium Iron Garnet.	01	Aegaeum Journal Volume-8 Issue- 5, 2021 Page No: 262-268	Volume-8 Issue- 5, 2021 Page No: 262-268	International		0.54 Reviewed http://www.jettir.org/submit-pape r
9	The Influence of substitution of Jahn-Teller Cu ²⁺ Ions on the Structural and Magnetic	04	Aegaeum Journal Volume-8 Issue- 5, 2021 Page No:	Volume-8 Issue- 5, 2021 Page No: 262-268	International		

	Properties of Nickel Ferrite.		262-268				
10	Structural And Magnetic Studies Of Copper Substituted Nickel Ferrite.	04	Aegaeum Journal Volume-8 Issue- 5, 2021 Page No: 129-134	Volume-8 Issue- 5, 2021 Page No: 129-134	International		
11	Low Temperature Synthesis And Investigations Of Magnetic Properties Of Cobalt Ferrite Nanoparticles	05	Journal of Physics: Conference Series Page No: 1-5 Open Access 1644(2020) 012006 Volume-1644 june-2020	Open Access 1644(2020) 012006 Volume-1644 june-2020	International		
12	Study Of Structural and magnetic Properties Of Copper Substituted Nickel Ferrite	04	Conference Proceedings				
13	Analysis of Structural, Electrical and Cure Temperature Measurements of In ³⁺ Substituted Yttrium Iron Garnet	04	Conference Proceedings				
14	Investigation of Structural	04	Conference Proceedings				

	and magnetic Parametwrs of Ni-Cu Spinel Ferrites						
15	Study of XRD and Dielectrical Properties of Indium (In ³⁺) Substituted Yttrium iron Garnet.	04			Intern ational		
16	Structural And Magnetic Studies Of Copper Substituted Nickel Ferrite.	04			Intern ational		
2019-2020							
17	“Resistivity and Magneton Number Study of Indium Substituted Yttrium Iron Garnet.”	01	International Journal of Emerging Technologies and Innovative Research (WWW.JETIR.ORG)	ISSN:234 9-5162 Volume 7, Issue 2 Page No:35-40	Intern ationa	Febr uary- 2020	5.87 UGC and ISSN Appr oved Inter nation al Peer Revie wed, Open Acce ss Jour nal
18	Causes of Sound Pollution and Its Effect on Human Health		Ecology and Fisheries	ISSN097 4-6323 Volume 13	nation al	Feb. 2020	Peer- Revie wed
19	Effect of Pollutions on		Ecology and Fisheries	ISSN097 4-6323	nation	Feb.	Peer- Revie

	Human Health			Volume 13	al	2020	wed
20	Structural And η_B Study Of In^{3+} Substituted Yttrium Iron Garnet		Innovare Journal of science,	ISSN-2321-5496 Vol 8, Special Issue 1, 2020 Page No: 29 to 31	nation al		Peer Peer-Reviewed
21	Kyoto protocol and Potential Carbon Sequestration in India Page No:169-171	Ecology and Fisheries No:169-171 Volume 13, No.1 Feb. 2020	ISSN0974-6323	Peer-Reviewed	nation al		
22	ICT: Its Uses and Abuses Page No: 80-84	Research Journey Special Issue:209 Page No: 80-84 Dec.-2019	ISSN:2348-7143	6.625 Peer-Reviewed	nation al		
23	Study Of Structural Parameters And Cation Distribution Of Cu^{2+} Ions Substituted Nickel Ferrites Page No: 108-109	Innovare Journal of science, Vol 8, Special Issue 1, 2020 Page No:108-109	ISSN-2321-5496	Peer-Reviewed	Intern ational		
24	Structural And η_B Study Of In^{3+} Substituted Yttrium Iron Garnet	Innovare Journal of science, Vol 8, Special Issue 1, 2020 Page No: 29 to 31	ISSN-2321-5496	Peer Peer-Reviewed	Intern ational		
25	Environment al Applications of Nanotechnology	An International Multidisciplinary Quarterly Research Journal Volume IX IssueII Apr	ISSN2277-5730	6.399 Peer-Reviewed and UGC listed Journals Journal	Intern ational		

		Jun2020 Page no: 112-117		no 40776			
26	Renewable Energy Sources and Its Applications Page -114-118	An International Multidisciplinary Quarterly Research Journal Volume IX Issue I January-March 2020 Page -114-118	ISSN2277-5730	6.399 Peer-Reviewed and UGC listed Journals Journal no 40776	International		
27	Non-conventional Energy sources in India's Aspect Page no: 116-120	An International Multidisciplinary Quarterly Research Journal Volume IX Issue I January-March 2020 Page no: 116-120	ISSN2277-5730	6.399 Peer-Reviewed and UGC listed Journals Journal no 40776	International		
28	Role of Renewable Energy Sources in Maharashtra Page no: 48-53	An International Multidisciplinary Quarterly Research Journal Volume IX Issue I January-March 2020 Page no: 48-53	ISSN2277-5730	6.399 Peer-Reviewed and UGC listed Journals Journal no 40776	International		
2018-2019							
29	THE ROLE OF INFORMATION AND COMMUNICATION TECHNOLOGIES IN TEACHING AND LEARNING (Pages1-6) http://www.punresearch.com/ti	PUNE RESEARCH TIMES AnInternational Journal of Contemporary studies Indexed, Peer-Reviewed/Refereed Journal	ISSN 2456-0960	3.18 (IIJIF)	International		

	mes) 25/04/2019						
30	STRUCTURAL , MAGNETIC AND INITIAL PERMEBILITY PROPERTIEC OF Ni _{0.33} Zn _{0.63} Fe ₂ O ₄ SPINEL FERRITE	PUNE RESEARCH TIMES AnInternational Journal of Contemporary studies Indexed, Peer-Reviewed/Refereed Journal	ISSN 2456-0960	3.18 (IIJIF)	Intern ational		
31	INFLUENCE OF CADMIUM SUBSTITUTION ON DIELECTRIC PROPERTIES OF Ni-Cu FERRITES	PUNE RESEARCH TIMES AnInternational Journal of Contemporary studies Indexed, Peer-Reviewed/Refereed Journal	ISSN 2456-0960	3.18 (IIJIF)	Intern ational		
32	INVESTIGATION OF CRYSTAL STRUCTURE AND D.C. ELECTRICAL RESISTIVITY OF In ³⁺ SUBSTITUTED YTTRIUM IRON GARNET Volume 6, Issue 1 (XIX): January-March, 2019 : Part-1	International Journal of Advance and Innovative Research UGC Journal No: 63571	ISSN 2394-7780	7.36	Intern ational		
33	STRUCTURAL AND ELASTIC PROPERTIES OF CADMIUM SUBSTITUTED Ni-Cu FERRITES. Volume 6, Issue 1 (XIX): January-March, 2019 : Part-1	International Journal of Advance and Innovative Research UGC Journal No: 63571	ISSN 2394-7780	7.36	Intern ational		
34	“Study Of Xrd And Electrical Properties Of Indium (In ³⁺) Substituted Yttrium Iron Garnet.”	“Research Journey” International E-Research Journal PEER REFREED & INDEXED JOURNAL 17 th March 2019	ISSN:2348-7143 UGC Journal No: 40705 &44117	6.261	Intern ational		
35	Study of Structural and Magnetic Properties of	“Research Journey” International E-Research Journal	ISSN:2348-7143 UGC Journal No: 40705	6.261			

	Ni-Zn Ferrite Nanoparticle	PEER REFREED & INDEXED JOURNAL 17 th March 2019	&44117				
36	The Fourier transforms infrared (FTIR) spectroscopy study of x 51 (CoMn _{0.2} Zn _{0.2} Fe _{1.6} O ₄) _{1-x} BaTiO ₃ Magnetoelectric Composites	“Research Journey” International E-Research Journal PEER REFREED & INDEXED JOURNAL 17 th March 2019	ISSN:2348-7143 UGC Journal No: 40705 &44117	6.261	Intern ational		
37	Influence Of Cadmiumsubstitution On Dielectric Behavior Of Mixed Ni-Cu Ferrites”	“Research Journey” International E-Research Journal PEER REFREED & INDEXED JOURNAL 17 th March 2019	ISSN:2348-7143 UGC Journal No: 40705 &44117	6.261	Intern ational		
2017-2018							
38	Crystal Structure And Dielectrical Properties Of Indium (In ³⁺) Substituted Yttrium Iron Garnet.	International Multilingual Refereed Research Journal. Issue-47, Vol-01 April-2018	ISSN 2394-5303, UGC Approved : Sr. No. 43053		Intern ational		
2016-2017							
39	Global Warming: Cause of Flood In India. Page No-134 TO 138	JSRR Journal Rut Printer And Publisher	ISBN:978-93-84663-10-0		Intern ational		
40	Global Warming: Its Impacts And Controlling Measures. Page No-139 To 143	Environment And Development JSRR Journal	ISBN:978-93-84663-10-0		Intern ational		
41	Use of ICT In Higher	Kesona Report, Kesona	Issn-2456-2025		nation		

	Education. Page-09 To 12	Publication Pvt. Ltd. Beed.			al		
42	Importance of ICT In Higher Education. Page-139 To 141	Kesona Report, Kesona Publication Pvt. Ltd. Beed	Issn-2456-2025		nation al		
43	Adoption of Information And Communication Technologies (ICT) In Higher Education: An Impact Analysis.	Kesona Report, Kesona Publication Pvt. Ltd. Beed	Issn-2456-2025		nation al		
2015-2016							
44	Electrical behaviour of $x(\text{CoMn}_{0.2}\text{Zn}_{0.2}\text{Fe}_{1.6}\text{O}_4)+1-x(\text{BaTiO}_3)$ Composites. Page No: 22 to 25	International Journal Of Advanced Research in Basic and Applied Sciences. Vol.2, Issue 1, July 2015	ISSN No: 2394-4072 Rushi Publication	Peer Reviewed Journal	Intern ational		
45	Synthesis and Characterizatio n of Copper Ferrite Nanoparticles by Wet chemical co- precipitation technique. Page No. 111 to 113.	International Journal Of Advanced Research in Basic and Applied Sciences. Vol.2, Issue 1, July 2015	ISSN No: 2394-4072 Rushi Publication	Peer Reviewed Journal	Intern ational		
46	Effect of sintering temperature on structural properties of cobalt ferrite nanoparticles. Page No: 114 to 116	International Journal Of Advanced Research in Basic and Applied Sciences. Vol.2, Issue 1, July 2015	ISSN No: 2394-4072 Rushi Publication	Peer Reviewed Journal	Intern ational		
Proceeding- 47	Structural Characterizatio n and	Proceedings National Seminar on	ISBN: 978-93-5158- 588-6				

	permeability studies of Copper Substituted Nickel ferrite. Page No: 77 to 82	“Emerging Trends in Material Characterization ” Dept. of Physics, P.V.P.College, Pravaranagar, Dist. A,nagar. On 09, 10 Feb.2016					
48	IR and D.C. Electrical resistivity Study of Ni-Cu Mixed Ferrite. Page No; 99 to 103	Proceedings National Seminar on “Emerging Trends in Material Characterization ” Dept. of Physics, P.V.P.College, Pravaranagar, Dist. A,nagar. On 09, 10 Feb.2016	ISBN: 978-93-5158-588-6				
49	IR and D.C. Electrical Resistivity Study of Cu ²⁺ Ions Substituted Nickel Ferrite. Page No. 08 to 13.	Proceeding of the STATE LEVEL CONFERENCE ON “RECENT TRENDS IN MATERIAL SCIENCE” Success Publications Pune-411030. 15, 16 Feb. 2016	ISBN: 978-93-5158-599-2				
50	Institutional and Policy Framework in Disaster Management in India. Page No: 231 to 233	One Day International conference on Global Environment: Issues, Challenges and Solutions. Ajanta Prakashan, Aurangabad. on	ISBN: 978-93-83587-35-3		nation al		

		29 Feb. 2016					
2014-2015							
51	Crystallographic and Dielectrical Properties of Indium (In ³⁺) Substituted Yttrium Iron Garnet.	INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN BASIC AND APPLIED SCIENCES	ISSN: 2394-4072	Peer Reviewed JOURNAL	International		
52	INVESTIGATION OF MICROSTRUCTURAL PARAMETERS AND CATION DISTRIBUTION STUDY OF Ni-Cu SPINEL FERRITE.	INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN BASIC AND APPLIED SCIENCES.	ISSN: 2394-4072	Peer Reviewed JOURNAL	International		
53	Effect of Copper Concentration on the Structural Property of nickel spinel ferrite.	INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN BASIC AND APPLIED SCIENCES.	ISSN: 2394-4072	Peer Reviewed JOURNAL	International		
54	Effect of Cu ²⁺ Ions Substitution on Dielectric Behavior of Nickel ferrite.	Journal of Advances in Applied Science and Technology.	ISSN:2393-8188, Online ISSN: 2393-8196 Page from 133 to 135		International		
55	INVESTIGATION ON X-RAY DIFFRACTION OF NICKEL-COPPER SPINEL FERRITE.	Journal of Advances in Applied Science and Technology	ISSN:2393-8188, Online ISSN: 2393-8196 Page from 273 to 276		International		

56	STUDY OF DIELECTRIC BEHAVIOR OF COPPER SUBSTITUTE D NICKEL FERRITE. From Page No.193 to 200	proceedings National conference on “Medical Applications of Pulse LASER And Diagnostic Techniques. On 27 and 28 Jan.2015	ISBN 978-81-930536-3-8				
57	Effect of Copper substitution on Permeability studies of Nickel ferrite.	proceedings International Conference on Functional Materials @Nano scale: Concerns and Chalanges (ICFMNCC-2015)	ISBN 978-81-930740-0-8				

:: Research Publications- Books, Chapters, Articles.

Book/ Chapters/ Articles	Title of Book	Publisher Details with ISSN/ISBN	Published Year	Sole/ Co-author
Wind Energy 19-25	Science of Energy	Rushi Publication B-11, Gajan Colony, Garkheda Aurangabad ISBN 978-81-929628-3-2	2019-20	Sole Author
Solar Photovoltaic System Page No:323-331	Objective Physics For B.Sc. Students	Rushi Publication B-11, Gajan Colony, Garkheda Aurangabad ISBN 978-81-929628-3-2	2020-21	Sole Author
Investigation of Physical and Dielectric Properties of Indium Substituted Yttrium Iron Garnet. Page No:75-77	Innovative Research in Science and Technology (An Edited Book)	Rushi Publication B-11, Gajan Colony, Garkheda Aurangabad ISBN: 978-81-951034-5-4	2021-22	Sole Author

:: Paper Presented in Conference/Workshop/Symposium:

Sr. No	Title of the paper	Authors	Name of Conferences/ Seminars/ Workshops	Venue	Date
1 2011-12	Effect of Dy ³⁺ doping on the structural and magnetic properties of cobalt ferrite synthesized by standard ceramic technique	Dr.R.G.Vi dhate		Shivaji university Kolhapur International	ICPM-MDF-2012
2 2012-13	Crystal Structure and Electrical Study of In ³⁺ Substituted Yttrium Iron Garnet.	Dr.R.G.Vi dhate	National conference on Nanomaterials Applications and Properties (NCNAP2013)	Dept. of Physics Arts,Com. And Sci. College, Sonai Tal. Newasa. National	
3	The study of Magnetic properties of Ni, Cu,Zn Spinel Ferrite.	Dr.R.G.Vi dhate	National Seminar on Green Approach in Applied Science, on Mar. 14,15,2013	Dept. of Chem. D.P. College, Karjat (A,nagar) National	Mar. 14,15,20 13
2013-14-4	Computer Based Active Teaching In Physics	Dr.R.G.Vi dhate	National Seminar on Innovative Teaching Methods In Physics	Dept. of Physics Deogiri College, Aurangabad National	
	Innovative Teaching Practices In Physics	Dr.R.G.Vi dhate	National Seminar on Innovative Teaching Methods In Physics	Dept. of Physics Deogiri College, Aurangabad National	
2014-15-5	Structural Study of series of single Phase Indium Substituted Yttrium Iron Garnet (In-YIG)	Dr.R.G.Vi dhate	International Conference on Emerging Trends and Challenges in Science and Technology (ETCST-2014) on 03.04 & 05 Nov. 2014	International Bionano Frontier and International society of Science and Technology (ISST)- Mumbai In Association with Sinsil International Ltd.	(ETCST-2014) on 03.04 & 05 Nov. 2014
6	Crystallographic and Dielectric Properties of Indium (In ³⁺) Substituted Yttrium Iron Garnet (YIG).	Dr.R.G.Vi dhate	National Conference on Material Science	National Conference Dept. of Physics Mrs K.S.K.COLLEGE, BEED	(NCMS-2014) on 12, 13 Dec. 2014
7	Effect of Cu ²⁺ ions substitution on dielectric behaviour of Nickel Ferrite.	Dr.R.G.Vi dhate	Material Science & Technology (NCMST-2014)	National Conference Dept. of Physics, MILLIYA COLLEGE, BEED	
8	Physical and dielectrical properties of indium (In ³⁺) Substituted Yttrium iron Garnet.	Dr.R.G.Vi dhate	Nanobasics and its Applications	State Level Seminar.	

9	Structural Characterization and permeability studies of Copper Substituted Nickel ferrite.	Dr.R.G.Vi dhate	National Seminar on "Emerging Trends in Material Characterization"	National Seminar Dept. of Physics, P.V.P.College, Pravaranagar, Dist. A,nagar.	On 09, 10 Feb.2016
10	IR and D.C. Electrical Resistivity Study of Cu ²⁺ Ions Substituted Nickel Ferrite.	Dr.R.G.Vi dhate		State Level Conference Dept. of Physics, Shri Anand.College, Pathardi Dist. A,nagar	
11	Institutional and Policy Framework in Disaster Management in India.	Dr.R.G.Vi dhate	One Day International conference on Global Environment: Issues, Challenges and Solutions.	INTERNATIONAL CONFERENCE Ajanta Prakashan,, Aurangabad	
2016-17-12	Institutional And Policy Framework In Disaster Management In India	Dr.R.G.Vi dhate	Global Environment : Issues, Challenges and solutions	International Conference New Arts, Commerce And Science College, Parner A'Nagar	
13	Ir And Electrical Study Of In ³⁺ Substituted Yttrium Iron Garnet.	Dr.R.G.Vi dhate	Innovation in Nanomaterial's and Nanotechnology Date: 21 st Jan. 2017	National Conference Dept. Physics and Chemistry, Rajarshi Shahu Arts, Comm. and Science College, Pathri Dist. Aurangabad	
14	Importance Of ICT In Higher Education	Dr.R.G.Vi dhate	Role of ICT in Higher Education for Quality Improvement	National Seminar IQAC Dept, Mrs. K.S.K. College Beed.	29, 30 Sept. 2016
15	Review of Global Environment : Challenges and Solutions	Dr.R.G.Vi dhate	International Conference on Global Environment: Issues, Challenge's and Solutions.	International Conference New Arts, Comm. and Science College, Parner Dist. Ahmednagar	
2017-18-16	The Role Of Information And Communication Technologies In Teaching And Learning	Dr.R.G.Vi dhate	Dialoguing Borders : Vital Issues In Humanities, Commerce, It And Management –	Sillod Shikshan Sansthas, Aurangabads Nalanda Management And Computer Science College, Nalanda Education Society,English Teacher Association-Solapur, Aurangabad And Galaxy Publication, Pune & Ssquare It, Pune.	Date:6 th -7 th oct. 2018
17	Investigation Of Crystal Structure And D.C. Electrical Study Of In ³⁺ Substituted	Dr.R.G.Vi dhate	National Conference On Nanostructured Materials And Nanotechnology	Dept. Physics And Chemistry, M.S.P Mandals, Shri. Muktanand College,	

	Yig.		Date: 1 st Dec. 2018	Gangapur, Dist. Aurangabad	
18	Study Of Magnetisation And A.C. Suceptibility	Dr.R.G.Vidhate	Nanomaterials And Their Applications Critical	M.S.P.Mandals Arts, Commerce And Science College, Kille-Dharur, Dist Beed 431124 (M.S.)	(Ncna-2018/19) On 14 th Feb. 2019
19	Investigation Of Crystal Structure And D.C. Electrical Resistivity Of In ³⁺ Substituted Yttrium Iron Garnet.	Dr.R.G.Vidhate	National Conference On Functional Materials Synthesis And Characterization Techniques (Ncfmsct-2019)	Dept. Of Physics, Vaidyanath College, Parli- Vajjnath-431515. Dist. Beed. (M.S.) India.	March 2019
2019-20-20	Structural, electrical and magneton number of In ³⁺ Substituted Yttrium Iron Garnet	Dr. R. G. Vidhate	Resent Advances in Physical Sciences (RAPS-2020)	Balbhim College, Beed Dist. Beed	National Conference
21	ICT: Its uses and abuses	Dr. R.G. Vidhate	NAACs Revised Accreditation Framework and Quality Improvement Strategies in Higher Education.	NAAC Council Bangaluru and Anandrao Dhonde Alias Babaji Mahavidyalaya, kada	National webinar
22	Hazardous Effect of Pollutions on Human Health	Dr. R. G. Vidhate	Recent trends in Environmental Biodiversity	BhagwanMahavidyalaya , Ashti. Dist. Beed.	National seminar
23	Effects of pollution on Human Health	Dr. R. G. Vidhate	Recent trends in Environmental Biodiversity	BhagwanMahavidyalaya , Ashti. Dist. Beed.	National seminar
24	Renewable Energy Sources and Its Applications	Dr. R. G. Vidhate	A Synergy of Maharashtra state in terms of Social, Political, Economic, Cultural, Industrial, Agricultural and Environmental	Arts, Commerce and Science College, Jintur, Dist. Parbhani	National
25	Non- conventional Energy sources in India's Aspect	Dr. R. G. Vidhate	A Synergy of Maharashtra state in terms of Social, Political, Economic, Cultural, Industrial, Agricultural and Environmental	Arts, Commerce and Science College, Jintur, Dist. Parbhani	National
26	Role of Renewable Energy Sources in Maharashtra	Dr. R. G. Vidhate	A Synergy of Maharashtra state in terms of Social, Political, Economic, Cultural, Industrial, Agricultural and Environmental	Arts, Commerce and Science College, Jintur, Dist. Parbhani	National
27	Environmental Applications of Nanotechnology	Dr. R. G. Vidhate	Environmental Awareness and Sustainable Development in Rural Area :Issues, Problems and Solutions	ShankarraoJawalePatil Mahavidyalaya, Lohara Dist. O'bad	National
28	Invited Lecture	Dr. R. G. Vidhate	NSS Camp.	Gandhi college, Kada held in Vatanwadi	26.01.2020

29	Invited Lectures	Dr. R. G. Vidhate	NSS Camp	Shriram Jr. College, Kada	15.01.20 20
2020-21=30	Low temperature synthesis and investigations of magnetic properties of cobalt ferrite nanoparticles	Dr. R. G. Vidhate	Advanced Materials Science and Nanotechnology (NANOMAT-2020) 20 and 21 June-2020	International (within Country) Dept. of Physics, Vinayak Vidyan Mahavidyalaya, Nandgaon Khandeshwar, Dist. Amravati (MS) India	
31	Characterised Study of XRD and Dielectrical properties of Indium (In ³⁺) Substituted Yttrium Iron Garnet.	Dr. R. G. Vidhate	National e-Conference on Recent Advances in Materials Science and Nanotechnology	National Yeshwantrao Chavan College of Arts, Commerce and Science Sillod Dist. Aurangabad (MS) India	(NCRA MSN-2020) 1 and 2 Aug. 2020
32	Dielectric and Magnetic properties of Indium Substituted Yttrium Iron Garnet	Dr. R. G. Vidhate	Online International Conference on Zero Dimensions Materials	Inter-National IQAC Initiative Dept. of Physics P.C. Jabin Science College, Hubballi Karnataka, India	27 Aug. 2020
33	Analysis of Structural, Electrical and A.C. Susceptibility Measurements of In ³⁺ Substituted Yttrium Iron Garnet.	Dr. R. G. Vidhate	Physics of Solid State Materials	Inter-National Dept. of Physics St Aloysius College, Mangaluru-575003, India	2-3, Sept. 2020
34	Study of XRD and Dielectrical properties of Indium (In ³⁺) Substituted Yttrium Iron Garnet.	Dr. R. G. Vidhate	International Conference on Advanced Materials Science and Applications (online)	Inter-National Dept. of Physics M.S. RAMAIAH INSTITUTE OF TECHNOLOGY, Bangalore-560054, Karnataka, India	(ICASM A-2020) 3-4, Sept.-2020
35	Non-Conventional Energy Sources	Dr. R. G. Vidhate	Kalika Devi Mahavidyalaya, Shirur Kasar Dist. Beed		04.04.20 21
2021-22=36	“Physical Properties of Vanadium Substituted Yttrium Iron Garnet”	Dr. R. G. Vidhate	“EMERGING TRENDS IN SCIENCE AND TECHNOLOGY”	National Dept. of Physics Arvindbabu Deshmukh Mahavidyalaya, Bharsingi, Dist- Nagpur, Maharashtra	(NCETS T-2021) held on 10 th June 2021
37	Structural, Electrical and Magnetic Properties of In ³⁺ Substituted Yttrium Iron Garnet.	Dr. R. G. Vidhate	International e-Conference on Advanced materials in Innovative Technology	International Dept. of Physics, Milliya College, Beed	11 Jan 2022
38	Electric and Magnetic Properties of Indium Substituted Yttrium Iron Garnet	Dr. R. G. Vidhate	Innovative Research in Science and Technology	International Dept. of Physics, Kalikadevi Mahavidyalaya, Shirur Kasar Dist. Beed	

39	Solar Energy and its Importance	Dr. R. G. Vidhate	Saratewadgaon	University NSS-Camp. Saratewadgaon	16.03.20 22
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:: Conferences / seminars, symposia and workshop organized as convener/ coordinator

Sr. No.	Designation	Name of the Conference / Seminar	Level	Period
1	Convener	Recent Trends In Material Science And Nanotechnology (RTMSN-2019)	National	17 Mar. 2019

:: Resource Person /Chaired Session/ Guest Lectures in Conferences / Symposium / Workshop

Sr. No.	Chaired Session	Level	Place	Date
1	Resource Person	National	Bhagwan Mahavidyalaya, Ashti	01.02.2020

:: Life Membership on various Associations

:: Member of Editorial Board

:: Details of Research Schemes/ Projects:

Project Name	Funding Agency	Fund Mobilised	Commencement Date	Completion Date	Worked as
Investigation of structural and magnetic Properties of rare earth garnet	Dr. B. A. M. University Aurangabad	40000/-	24-06-2019	On-going	

:: Details of Research Students guided for M.Phil./Ph.D.:

Student Name	Degree	Registration Date	Award of Degree	Branch/Title	Degree Status
Dinesh Kundlik Dhongade	Ph.D.	24-05-2022	On-going	Synthesis And Characterisation Of Nickel-Cobalt Oxide Thin Films By Chemical Bath Deposition Method For Supercapacitor Application.	
Haridas Ramdas Sangale	Ph.D.	10-03-2022	On-going	Fabrication And Characterization Of Oxide Based Photoelectrode For Solar Cell Application.	

:: Awards and Recognitions received

Sr. No	Name of the activity	Name of the Awards/ Recognition	Name of the Awarding government/ government recognised bodies	Year of award
1	Awards	Dr.A.P.J.Abdul Kalam Life Time Research Award	International Institute For Social And Economic Reforms (R). Bengaluru	29 Feb. 2020 Bangalore
2	Awards	Best Programme Officer of NSS 2020-21	Dr. BAMU Aurangabad	On 26/07/2022

:: Student related co-curricular, extension & field based activities

Blood donation camp arranged, Read Ribbon club, Tree Plantation, Covid-19 awareness programme, Mask distribution of mask, corona vacation camp arranged, covid duration

:: Participation in academic & administrative committees & responsibilities.



Dr. R. G. Vidhate
Head Dept. of Physics
Anandrao Dhonde alias Babaji
Mahavidyalaya, Kada Dist. Beed