

B I O D A T A

Full Name: Dr.Balwan Udaybhanrao Patil

Fathers Name: Mr. Udaybhanrao Surybhanrao Patil

Designation: Assistant Professor in Physics

Marital status: Married

Status of Domicile: Maharashtra, India

Permanent Address: Plot No 7B Sangita Colony, Nandnawan Aurangabad.

Email Id: Patilbu4@gmail.com

Contact Number: 9970693661

Caste (Category): Open (Maratha)

Nationality: Indian

Aadhar Number: 8646 9996 4981

University Approval Number: Ref.No.ACAD/AFFIL/SELE.COMMI./PPG/2012-13/24103-11

Date of Approval: 08/08/2012

Present Pay Scale: 79800-211500 Academic Level -12

Languages Known: Marathi, Hindi and English

Academic Qualification: M.Sc. Physics, B.Ed,M.Phil, Ph.D. from

Dr.B.A.M. University Aurangabad.

Experience Details: 11 Years of UG & 7 PG Physics

E d u c a t i o n a l Q u a l i f i c a t i o n :

Ex a m i n a t i o n s P a s s e d	S u b j e c t s w i t h S p e c i a l i z a t i o n	Y e a r o f P a s s i n g	P e r c e n t a g e o f m a r k s o b t a i n e d	N a m e o f t h e B o a r d / U n i v e r s i t y a w a r d i n g D e g r e e	D i v i s i o n / C l a s s / G r a d e
S . S . C .	M arathi, English, Hindi, M ath, Sci, Social S c i e n c e s	1993	50.24%	KSEE Bangalore	II nd Div.
H . S . C .	English, Hindi, Phy, Chem, Bio, M ath.	1995	57.00%	Aurangabad, M aharashtra	II nd Div.
B . S c .	Physics, Chemistry and M a t h m a t i c s .	1998	61.67%	Dr.B.A.M.U., Aurangabad.	I st Div.
M . S c .	Physics	2005	61.25%	Dr.B.A.M.U., Aurangabad.	I st Div.
B . E d .	General	1999	70.00%	Gulbarga University Gulbarga.	Distinction
M . P h i l	Physics	2007	57.6%	Alagappa University Karaikudi.	II nd Div.
P h . D .	Physics	2019	-	Dr.B.A.M.U., Aurangabad.	Awarded
B a s i c s o f C o m p u t e r K n o w l e d g e	All	-	-	-	-
M S C I T	M S C I T C e r t i f i c a t i o n	D e c e m b e r 2012	59	M S B T E M u m b a i	Passed

Number of Research Papers Published :

Sr. No.	Title with Page No	International Journals/ Magazines Issue/Vol	National Journals/ Magazines Issue/Vol	ISSN / ISBN No.	Conference/ Seminar Proceeding etc. Issue/Vol	Whether You are Main author
1.	The Structural, Electrical and Dielectric Study of Zn Substituted Cobalt Ferrite. Page 42-45	International Journal of Advanced Research in Basic and Applied Science	-	2394-4072	02 January 2016	Yes
2.	Effect of Zr ⁴⁺ Ions on Structural and Electrical Properties of Ni-Cd Ferrite. Page 61-64 IF(6.68)	International Research Journal of Science and Engineering	-	2322-0015	Special Issue A 5 - 2018	Yes
3	The Structural and Magnetic Properties Strontium Hexaferrite. Page 153-155	International Research Journal of Science and Engineering	-	2394-4072	January 2017 Special Issue	Co-A author
4.	Structural and electrical Investigation of Zn Substituted Co-ferrite. Page No 36	International Journal of Advanced Research in Basic and Applied Science	-	978-81-92-96-28-4-9	16 December 2017	Yes
5.	Structure and Cation Distribution of Cd-Zr co substituted Nickel Spinel Ferrite Page 57-58	Innovare Journal of Science	-	2321-5496	Vol.8 Special Issue 1,17 March 2020	Yes
6.	A Study of Solar Still with and without Phase Change Material Under Climatic Conditions Of Marathwada Region of Maharashtra. Page	KSTA Sponsored International; Conference in Physics and Applied Science.2020	-	978-93-5406-213-1	Special Issue 2020	Co-A author
7.	A Study of Transport Properties and Dielectric Constant Measurement of Zn _x Co _{1.5-x} Mn _{0.5} FeO ₄ Page 144-160	Our Heritage	-	0474-9030	Vol.68 Special Issue 38	Yes
8.	Structural study of Zirconium (Zr ⁴⁺) Doped Nickel- Zinc Ferrite	KSTA Sponsored International; Conference in Physics and Applied Science.2020	-	978-93-5406-213-1	Special Issue 2020	Co-A author
9.	The X-ray Diffraction Studies and Magnetic Studies of Zn _x Co _{1.5-x} Mn _{0.5} FeO ₄ Oxide Spinel System Page 31-40	Our Heritage	-	0474-9030	Vol.68 Special Issue 12	Yes

Papers Presented In Conferences / Seminar :

Sr. No.	Name of Author/s	Date	Title of Paper	Name of Symposia Conference/ Seminar	Sponsoring Agency
1.	Yes	02 January 2016	The Structural, Electrical and Dielectric Study of Zn Substituted Cobalt Ferrite. Page 42-45	International Journal of Advanced Research in Basic and Applied Science	Rajarshi Shahu College Pathri.
2.	Yes	Special Issue A 5 - 2018	Effect of Zr^{+4} Ions on Structural and Electrical Properties of Ni -Cd Ferrite. Page 61-64 IF(6.68)	International Research Journal of Science and Engineering	Rajarshi Shahu College Pathri.
3	Co-Author	January 2017 Special Issue	The Structural and Magnetic Properties Strontium Hexaferite. Page 153-155	International Research Journal of Science and Engineering	Dr.B.A.M. University
4.	Yes	16 December 2017	Structural and electrical Investigation of Zn Substituted Co-ferrite. Page No 36	International Journal of Advanced Research in Basic and Applied Science	Indraraj College Sollod
5.	Yes	Vol.8 Special Issue 1 ,17 March 2020	Structure and Cation Distribution of Cd-Zr co substituted Nickel Spinel Ferrite Page 57-58	Innovare Journal of Science	Balbhim College Beed
6.	Co-Author	Special Issue 2020	A Study of Solar Still with and without Phase Change Material Under Climatic Conditions Of Marathwada Region of Maharashtra.	KSTA Sponsored International; Conference in Physics and Applied Science.2020	Bhumreddy College Bidar Gulbarga University
7.	Yes	Vol.68 Special Issue 38	A Study of Transport Properties and Dielectric Constant Measurement of $Zn_xCo_{1.5-x}Mn_{0.5}FeO_4$ Page 144-160	Our Heritage	Shivaji College Kannad
8.	Co-Author	Special Issue 2020	Structural study of Zirconium (Zr^{+4}) Doped Nickel- Zinc Ferrite	KSTA Sponsored International; Conference in Physics and Applied Science.2020	Bhumreddy College Bidar Gulbarga University
9.	Yes	Vol.68 Special Issue 12 13 Feb 2020	The X-ray Diffraction Studies and Magnetic Studies of $Zn_xCo_{1.5-x}Mn_{0.5}FeO_4$ Oxide Spinel System Page 31-40	Our Heritage	Sundarao Solanke College Majalgaon

Attended Conference, Seminar & Workshops Etc.

From 2009 to 23 September 2020

Sr. No.	International Conferences	National Conferences	International Seminar	National Seminar	Symposia	workshop	Total
1.	08	08	-	02		02	20

Articles / Chapters Published In Books:

Sr. No.	Title with page No.	Book Title, Editor And Publisher	ISSN / ISBN No.
1.	Whole Book	An Introduction to Atomic, Molecular Physics and Laser	978-93-80876-29-0 11 October 2016
2.	Whole Book	Atomic, Molecular Physics and Laser	978-93-90005-07-9 5 September 2020 (Online book)

Teaching Experience:

Sr.No.	Courses Taught	Name of university /college/institution	Duration
1.	B.Sc Physics	Kohinoor College Khulatabad.	From 2009 to Till date
2.	M.Sc Physics	Kohinoor College Khulatabad.	From 2013 to Till date
3.	Councilor of Physics of YCMOU	Kohinoor College Khulatabad.	From 2018 to Till date

Total Teaching Experience:

Under-Graduate (B.Sc): 11 Years

Post-Graduate (M.Sc): 07 Years

Ph.D. Topic and Awarded Date: 09/03/2019

“Investigation on Physical Properties of Some Substituted Spinel Ferrites”

Orientation/Refresher Courses Attended:

Sr.No.	Name of the Course	Place	Duration	Sponsoring Agency
1.	90 th Orientation Course	UGC HRDC Dr.B.A.M.U., Aurangabad.	01/02/2012 to 29/02/2012	UGC New Delhi
2.	Refresher Course in Physics Sciences	University of Pune	11/11/2013 to 01/12/2013	UGC New Delhi
2.	Refresher Course in Computational Methods in Basic Sciences	UGC HRDC Dr.B.A.M.U., Aurangabad.	06/08/2018 to 29/08/2018	UGC New Delhi

Participation in Corporate Life:

**A) College/University/ Institution: Kohinoor Arts, Commerce and Science College
K hultabad.**

i) Admission Committee: Member of Admission Committee of Science.

ii) Examination work done: JCS, Vigilance Squad Member of Dr.B.A.M .U. Aurangabad

□ Redressal Committee: Member for Various UG and PG Examination Dr.B.A.M .U.

Aurangabad

□ Practical Examiner U.G: For Various Colleges

□ Practical Examiner P.G; For Various Colleges

b) Students welfare & Guidance: Guided students for competitive (NET, SET) exams,

Project work, Poster presentation, Seminar.

All the above information is true and correct to the best of my knowledge

Thanking you,

Yours faithfully

Dr. Balwan Udaybhanrao Patil

Department of Physics