

# RESUME

## 1. PERSONAL DETAILS

**NAME:** Mr. RAVINDRA BHAUSAHEB KARDE  
**Educational Qualification:** M.Sc. (Physics), SET, Ph.D. (Pursuing)  
**Area of Specialization:** Solid State Physics  
**Email:** [rkphysics1234@gmail.com](mailto:rkphysics1234@gmail.com)  
**Mobile No.:** 7758970920  
**Address:** At. Satana, Post. Jambhargaon, Tq. Vaijapur,  
Dist. Aurangabad. Pin code – 423701  
**Date of Birth:** 17<sup>th</sup> December 1992



**2. Objective:** Seeking an opportunity to use my knowledge and experience to educate students and make them ready for today's world.

## 3. ACADEMIC DETAILS

Sr. No.	Degree Awarded	Board/ University	Institution/College	Year of Passing	Marks
1	SSC	SSC Board, Aurangabad	MSP Mandal's New Highschool, Vaijapur, Dist. Aurangabad	2008	70.76%
2	HSC	HSC Board, Aurangabad	MSP Mandal's Vinayakrao Patil Mahavidhyalaya, Vaijapur	2010	46.83%
3	B.Sc. (Physics, Chemistry, Mathematics)	Dr.B.A.M.U., Aurangabad	MSP Mandal's Vinayakrao Patil Mahavidhyalaya, Vaijapur	2014	69.47%
4	M.Sc. (Physics)	Dr.B.A.M.U., Aurangabad	Department of Physics, Dr. B.A.M.U., Aurangabad	2016	77.9%
5	MH-SET DECEMBER 2020	UGC		APRIL 2021	Qualified
6	Ph.D.	Dr.B.A.M.U., Aurangabad		Registered	

#### 4. TEACHING EXPERIENCE AND DETAILS:

Sr. No.	Name of college	Affiliated of University	Period of service		Total service	Pay scale
			From	To		
1	Vinayakrao Patil Mahavidhyalaya, Vaijapur	Dr. B.A.M.U., Aurangabad	09/07/2018	31/03/2019	8 month 28 days	Fix pay
2	Gokhale Education Society's, Art's, Commerce and Science College Jawhar, Dist. Palghar	University of Mumbai	16/09/2021	30/04/2022	7 months 27 days	CHB
3	Vinayakrao Patil Mahavidhyalaya, Vaijapur	Dr. B.A.M.U., Aurangabad	10/10/2022	TILL DATE		CHB

5. **Research Guide Name:** Dr. Baliram G. Lone, Head and Associate Professor

**Institution Name:** Vinayakrao Patil Mahavidyalaya, Vaijapur, Dist. Aurangabad

#### 6. (a) RESEARCH AREA:

Theoretical Physics  
Computational Chemistry  
Graphene (2D)  
Density Functional Theory  
Modeling and Simulation of molecules

#### 7. RESEARCH PUBLICATION:

International: 03

#### 8. RESEARCH PUBLICATION DETAILS:

Sr. No.	Title of Research Paper and Authors	Name of Journal	year and Volume of publication	Impact factor
1	First Principles Study of Lysine Animo Acid-single walled carbon nanotubes Interactions, <b>Ravindra Karde</b> , Avinash Ingle, Prashant Pardeshi, Baliram Lone	International Journal of Advance and Innovative Research (IJAIR) Conference Special	Volume 6, Issue 1 (XVI): <b>January-March 2019</b> ISSN 2394-7780 Page 259-264	7.36

2	DFT analysis of Thymine adsorption on Ti doped graphene for biosensor applications, Jawaher Qasem, Prashant Pardeshi, Avinash Ingle, <b>Ravindra Karde</b> , Shamsan Ali and Baliram Lone	Institute of Physics (IOP): Journal of Physics: Conference Series	2070 (2021) 012012	0.249
3	Adsorption energies calculations of Hydrogen storage on Cs doped Graphene: Ab initio Study, <b>Ravindra Karde</b> , Baliram Lone	International Journal of Research and Analytical Reviews (IJRAR)	April 2022, Volume 9, Issue 2 (E-ISSN 2348-1269) (P-ISSN 2349-5138)	7.17

## 9. CONFERENCE:

Sr. No.	Name of Conference	Date	Journal Name	Conference Organizers
1	National conference on "INNOVATIVE RESEARCH IN SCIENCE AND TECHNOLOGY" IRST-2019	16 February 2019	International Journal of Advance and Innovative Research (conference special)	MSP Mandal's R. B. Attal Art's Science & Commerce College Georai Dist. Beed.

I hereby declare that all the information given above is correct to the best of my knowledge.

**Place: Vaijapur**

Date: / / 2022

**Mr. RAVINDRA BHAUSAHEB KARDE**