

## RESUME

### Personal Information



1.	Name	:	Dr. Chikate Parameshwar R.
2.	Designation	:	Assistant Professor
3.	Address (Permanent)	:	At. Shindkhed, Po. Raipur, Tq. + Dist., Buldana, Buldana-443001.
4.	College Address	:	Yeshwant Mahavidyalaya, Nanded.
5.	E-Mail & Cell No.	:	<a href="mailto:param.chikate883@gmail.com">param.chikate883@gmail.com</a> , & 9158407961
6.	Date of Birth	:	02 <sup>nd</sup> March 1989
7.	Date of Appointment	:	12 <sup>th</sup> July 2023
8.	Date of Superannuation	:	
9.	Subject & Specialization	:	Physics (Materials Science)

### 10. Academic Qualification:

Degree	Subject	Name of University/ Board	Year of Passing & Award if any	Links
10 <sup>th</sup> (SSC)	Marathi, English, Mathematics, Science, Social Sciences.	Maharashtra State Board, Amravati division	June 2005	<a href="https://drive.google.com/file/d/1uFteJiPTsGh4x_wE9nzlmng6vxg4W7yN/view?usp=drive_link">https://drive.google.com/file/d/1uFteJiPTsGh4x_wE9nzlmng6vxg4W7yN/view?usp=drive_link</a>
12 <sup>th</sup> (HSC)	Marathi, English, Physics, Maths, Chemistry, & Psych.	Maharashtra State Board, Amravati division	June 2007	<a href="https://drive.google.com/file/d/1tGbHaLWXsReZI2cD86oRIw3mpuI7iaK5/view?usp=drive_link">https://drive.google.com/file/d/1tGbHaLWXsReZI2cD86oRIw3mpuI7iaK5/view?usp=drive_link</a>
B.Sc.	Physics, Mathematics & Computer Science.	SGBAU Amravati	June 2011	<a href="https://drive.google.com/file/d/1i3jO9z9Ll2xhrE1_urMC68nnp5huNrgT/view?usp=drive_link">https://drive.google.com/file/d/1i3jO9z9Ll2xhrE1_urMC68nnp5huNrgT/view?usp=drive_link</a>
M.Sc.	Physics (Materials Science)	SPPU Pune	June 2014	<a href="https://drive.google.com/file/d/1RxKjJ0BSjos7rMaW2A7tx73mQofLYqQ0/view?usp=drive_link">https://drive.google.com/file/d/1RxKjJ0BSjos7rMaW2A7tx73mQofLYqQ0/view?usp=drive_link</a>
M. Phil.	Physics	SPPU Pune	Jan. 2017	<a href="https://drive.google.com/file/d/1CiUny_jUEPtJHt305w_yCeZ2EIIC2bwV/view?usp=drive_link">https://drive.google.com/file/d/1CiUny_jUEPtJHt305w_yCeZ2EIIC2bwV/view?usp=drive_link</a>

Ph. D.	Materials Science	IIT Indore	Dec. 2020	<a href="https://drive.google.com/file/d/1SxQzzeTtzD-gawTJfnhj9opneKtBtACI/view?usp=drive_link">https://drive.google.com/file/d/1SxQzzeTtzD-gawTJfnhj9opneKtBtACI/view?usp=drive_link</a>
MS-CIT	--	MKCL	June 2005	
Post-Doc.	Materials Science	SKKU South Korea	2021-2022	<a href="https://drive.google.com/file/d/1WbodaSoHzAWq5I_BJpfep8sGo18hC9TH/view?usp=drive_link">https://drive.google.com/file/d/1WbodaSoHzAWq5I_BJpfep8sGo18hC9TH/view?usp=drive_link</a>

#### 11. Orientation, Refresher and Short-Term Course:

S.N.	Name of the Course	Place	Duration	Sponsor	Links
1.	Nil				

#### 12. Work Experience/ Promotion Latter's:

Sr. No.	Name of Organization	Designation	Subject & Department	Joining date	Date of Leaving	Links
1.	Sungkyunkwan University, South Korea	Post-doctoral research Fellow	Materials Science & School of Advance Materials Science and Engineering	01 <sup>st</sup> May 2021-	30 <sup>th</sup> Apr. 2022	<a href="https://drive.google.com/file/d/1mTztij2MMd2ODuoeDvfHi1b-YoayDuyk/view?usp=drive_link">https://drive.google.com/file/d/1mTztij2MMd2ODuoeDvfHi1b-YoayDuyk/view?usp=drive_link</a>
2.	Yeshwant Mahavidyalaya, Nanded.	Assistant Professor Level 10	Physics	12 <sup>th</sup> July 2023	--	

#### 13. Research Projects Undertaken:

Sr. No.	Major/ Minor	Title	Funding Agency	Amount	Duration	Links
1.	Nil	--				
2.	Nil	--				

#### 14. Research Guide:

Sr. No.	Name of University	Number of Students Awarded	Number of Students Under Guidance
	Nil	--	--

#### 15. Details of M.Phil. students Registered and Awarded:

Sr. No.	Name	Title	Registered	Submitted	Awarded	Links
1.	Nil	--				

**16. Details of Ph.D. students Registered and Awarded:**

Sr. No.	Name	Title	Registered	Submitted	Awarded	Links
1	Nil	--				

**17. Research Paper Publications:**

Sr. No.	M. & Ye. Of Publication	Title of Paper	Name of Co-author if any	International/ Na./St./Reg. with impact Factor	Link
1.	2022	Theory Abide Experimental Investigations on Morphology Driven Enhancement of Electrochemical Energy Storage Performance for Manganese Titanate Perovskites Electrodes	N. Kitchamsetti; <b>P. R. Chikate</b> , et. al.	International, 9.127	<a href="https://doi.org/10.1016/j.jpowsour.2022.231525">https://doi.org/10.1016/j.jpowsour.2022.231525</a>
2.	Feb. 2022	Stable and reversible electrochromic behaviour in NiO thin films.	K. H Parmar, <b>P. R. Chikate</b> et. al.	International, 3.237	<a href="https://doi.org/10.1016/j.cjph.2022.02.014">https://doi.org/10.1016/j.cjph.2022.02.014</a>
3.	Dec. 2020	Hierarchically interconnected ZnO nanowires for low-temperature-operated reducing gas sensors: experimental and DFT studies	<b>P. R. Chikate</b> , et. al.	International, 3.591	<a href="https://doi.org/10.1039/D0NJ05231K">https://doi.org/10.1039/D0NJ05231K</a>
4.	Mar. 2020	Effects of Au loading on the enhancement of photoelectrochemical activities of the Au@ZnO nano-heteroarchitecture.	<b>P. R. Chikate</b> , et.al.	International, 3.591	<a href="https://doi.org/10.1039/d0nj00004c">https://doi.org/10.1039/d0nj00004c</a>
5.	Jun. 2019	An Investigation on the effect of Li-Ion cycling on	N. Kitchamsetti, <b>P. R.</b>	International, 2.109	<a href="https://doi.org/10.1002/slct.201900395">https://doi.org/10.1002/slct.201900395</a>

		the vertically aligned brookite TiO <sub>2</sub> nanostructure	<b>Chikate,</b> et. al.		
<b>6.</b>	Jan. 2019	Intense field electron emission source designed from large area array of dense rutile TiO <sub>2</sub> nanopillars	P. N Didwal, <b>P. R. Chikate,</b> et.al.	International, 2.478	<a href="https://doi.org/10.1007/s10854-018-00570-9">https://doi.org/10.1007/s10854-018-00570-9</a>
<b>7.</b>	Oct. 2019	Perforated mesoporous NiO nanostructures for an enhanced pseudocapacitive performance with ultra-high-rate capability and high energy density.	N. Kitchamsetti, <b>P. R. Chikate,</b> et. al.	International, 3.545	<a href="https://doi.org/10.1039/C9CE01475F">https://doi.org/10.1039/C9CE01475F</a>
<b>8.</b>	July 2018	Controlled heteroarchitecture of Au nanoparticles decorated ZnO nanowires for enhanced field electron emission displays.	<b>P. R. Chikate,</b> M. Shirage, R. S. Devan	International, 2.109	<a href="https://doi.org/10.1002/slct.201801282">https://doi.org/10.1002/slct.201801282</a>
<b>9.</b>	Jun. 2018	Spitzer shaped ZnO nanostructures for enhancement for field electron emission behaviours.	<b>P. R. Chikate,</b> et. al.	International, 3.36	<a href="https://doi.org/10.1039/C8RA03282C">https://doi.org/10.1039/C8RA03282C</a>
<b>10.</b>	Jan. 2017	Nano heteroarchitecture of two dimensional MoS <sub>2</sub> @One dimensional brookite TiO <sub>2</sub> nanorods: prominent electron emitters for displays.	R. S. Devan, <b>P. R. Chikate,</b> et. al.	International, 3.512	<a href="https://doi.org/10.1021/acsomega.7b00345">https://doi.org/10.1021/acsomega.7b00345</a>
<b>11.</b>	Aug. 2016	Titania sensitized with spadns dye for dye sensitized solar cell.	P. N. Didwal, <b>P. R. Chikate,</b> et. al.	International, 2.478	DOI: <a href="https://doi.org/10.1007/s10854-016-5431-3">10.1007/s10854-016-5431-3</a>

**18. Chapters Published in Books/Conference Proceedings**

Sr. No.	Month & Year of Publication	Title of Chapter Penned	Title of the Book	Page No.	Name of Co-author if any	Int/Na/St/Re with ISBN	Links
1.	Nil	--					

**19. Book Publications:**

Sr. No.	Month & Year of Publication	Title of Book	Name of Co-author if any	Int/Na/St/Re with ISBN	Links
1.	Nil	--			

**20. Paper Presented in Conferences, Seminars, Workshop, Symposia:**

Sr. No.	Month & Year of Presentation	Title of Paper	Name of Co-author if any	Int/Na/St/Re with ISBN	Links
1.	Aug. 2015	Dye Sensitized solar cell based on opaque TiO <sub>2</sub> film sensitized with natural dyes	P. R. Chikate, K. S. Pawar, P. N. Didwal, A. C. Abhyankar, H. M. Pathan, R. S. Devan	International photovoltaic solar energy conference	

**21. Organization of Conferences, Seminars, Workshop, Symposia:**

Sr. No.	Month & Year of Presentation	Title of Event	Funding Organization	Int/Na/St/Re Level	Nature of Work	Links
1.	Nil	--				

**22. Invited Lectures/Resource Person:**

Sr. No.	Title of Lecture/Academic Session	Title of Conference/ Seminar etc.	Organized by	Whether International/ National	Links
1.	Nil	--			

**23. Awards:**

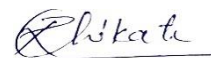
Sr. No.	Date and Year	Award	Agency	Link
1.	Chief Minister Special Research fellowship-	Govern ment of Maharas htra	Chhatrapat i Shahu Maharaj Research, Training and Human Developme	<a href="https://drive.google.com/file/d/1ZC6bixyb-sLDKDiRttlojkQYFUiswpl/view?usp=drive_link">https://drive.google.com/file/d/1ZC6bixyb-sLDKDiRttlojkQYFUiswpl/view?usp=drive_link</a>

	2019		nt Institute, Pune.	
2.	Post- Doctoral research fellow	Republic of Korea	Sungkyunk wan University, South Korea	<a href="https://drive.google.com/file/d/1WbodaSoHzAWq5I_BJpfep8sGo18hC9TH/view?usp=drive_link">https://drive.google.com/file/d/1WbodaSoHzAWq5I_BJpfep8sGo18hC9TH/view?usp=drive_link</a>

#### 24. Special Achievements:

Sr. No.	Date and Year	Achievement	Agency	Link
1.	2023	Best Research Paper award	Indian Institute of Technology Indore	

**Name & Signature**



**Dr. Chikate P. R.**  
**Assistant Professor**  
**Dept. of Physics.**