

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.	:	param.chikate883@gmail.com, & 9158407961
6.	Date of Birth	:	02nd March 1989
7.	Date of Appointment	:	12th 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 th (SSC)	Marathi, English, Mathematics, Science, Social Sciences.	Maharashtra State Board, Amravati division	June 2005	https://drive.google.com/file/d/1uFteJiPTsGh4x_wE9nzmng6vvg4W7yN/view?usp=drive_link
12 th (HSC)	Marathi, English, Physics, Maths, Chemistry, & Psychology.	Maharashtra State Board, Amravati division	June 2007	https://drive.google.com/file/d/1tGbHaLWXsReZI2cD86oRIw3mpuI7iaK5/view?usp=drive_link
B.Sc.	Physics, Mathematics & Computer Science.	SGBAU Amravati	June 2011	https://drive.google.com/file/d/1i3jO9z9L12xhrE1_urMC68nnp5huNrgT/view?usp=drive_link
M.Sc.	Physics (Materials Science)	SPPU Pune	June 2014	https://drive.google.com/file/d/1RxKjJ0BSjos7rMaW2A7tx73mQofLYqQ0/view?usp=drive_link
M. Phil.	Physics	SPPU Pune	Jan. 2017	https://drive.google.com/file/d/1CiUny_jUEPtJHt305w_yCeZ2EiIC2bwV/view?usp=drive_link
Ph. D.	Materials Science	IIT Indore	Dec. 2020	https://drive.google.com/file/d/1SxQzzeTzD-gawTJfnhj9opneKtBtACI/view?usp=drive_link
MS-CIT	--	MKCL	June 2005	

Post-Doc.	Materials Science	SKKU South Korea	2021-2022	https://drive.google.com/file/d/1WbodaSoHzAWq5I_BJpfep8sGo18hC9TH/view?usp=drive_link
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11. Orientation, Refresher, and Short-Term Course:

S. N .	Name of the Course	Place	Duration	Sponsor	Links
1.	Faculty Induction Programme-VI (Guru Dakshata)	Sant Gadge Baba Amravati University, Amravati (M. S.)	19 June 2024 to 16 July 2024	UGC-Malaviya Mission Teacher Training Programme, UGC-Sponsored.	https://drive.google.com/file/d/16RXPTgADWSedQWuPmNfh5_EXgSyrT3Uv/view?usp=drive_link
2.	Faculty Development Programme_NPT EL-AICTE	Indian Institute of Technology Kharagpur_NPT EL-AICTE	22 July 2024 to 11 October 2024	NPTEL-AICTE_Funded by the MoE, Govt. of India.	https://drive.google.com/file/d/1cIx6UEDqE6wAZ0HRFY_1zUQeEMoHKzBL/view?usp=drive_link
3.	Faculty Development Programme	Yeshwant Mahavidyalaya, Nanded.	21 August to 28 August 2023	Guru Angad Dev Teaching Learning Center, A Centre of the Ministry of Education under PMMMNTT	https://drive.google.com/file/d/1eBV-4hsaGfs47fE63Xm1_AfNAwp6Ro1U/view?usp=drive_link
4.	NEP 2020 ORIENTATION & SENSITIZATION PROGRAMME	UGC-Malaviya Mission Teacher Training Center, Dr. Babasaheb Ambedkar Marathwada University, Chhatrapati Shambhajnagar.	26 February 2024 to 06 March 2024	UGC-Malaviya Mission Teacher Training Centre, Dr. Babasaheb Ambedkar Marathwada University, Chhatrapati Shambhajnagar	https://drive.google.com/file/d/1fwreQluO3zvtvHJ2RymMZIE-IyO2If5my/view?usp=drive_link
5.	Faculty Development Programme	Indian Institute of Technology Kharagpur_NPT EL-AICTE	21 July 2025 to Oct 2025	NPTEL-AICTE_Funded by the MoE, Govt. of India.	https://drive.google.com/file/d/1hOwyxKN8dNACxVAZU-3SNhAfo6-4vbTZ/view?usp=sharing
6.	Faculty Development Programme	Indian Institute of Technology	21 July 2025 to Oct 2025	NPTEL-AICTE_Funded by the MoE, Govt. of India.	https://drive.google.com/file/d/1v9H-YveOa6ZnoLxt69hYDGii369Bg hda/view?usp=sharing

	me	Kharagpur _NPTEL- AICTE			
7.	Refresher Course	Dr. Babasaheb Ambedkar Marathwada University, Chhatrapati Sambhajinagar	05 Jan. 2026 to 19 Jan 2026	UGC-MMTTC, Organized by Dr. Babasaheb Ambedkar Marathwada University Chhatrapati Sambhajinagar	https://drive.google.com/file/d/1pxRHXgEQOoZTEmBA1zY-KI4R2UbemXmN/view?usp=sharing
8.	Faculty Induction Programme	Sant Gadge Baba Amravati University, Amravati	19 June 2024 to 16 July 2024	UGC-MMTEC, organized by Sant Gadge Baba Amravati University, Amravati	https://drive.google.com/file/d/16RXPTgADWSedQWuPmNfh5_EXgSyrT3Uv/view?usp=sharing

12. Work Experience/ Promotion Letter:

Sr. No.	Name of Organization	Designation	Subject & Department	Joining date	Date of Leaving	Links
1.	Yeshwant Mahavidyalaya, Nanded.	Assistant Professor Level 10	Physics	12 th July 2023	--	
2.	Sungkyunkwan University, South Korea	Post-doctoral research Fellow	Materials Science & School of Advanced Materials Science and Engineering	01 st May 2021-	30 th Apr. 2022	https://drive.google.com/file/d/1mTztij2MMd2ODuoeDvfHilb-YoayDuyk/view?usp=drive_link

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 Perovskite Electrodes	N. Kitchamsetti; P. R. Chikate , et. al.	International, 9.127	https://doi.org/10.1016/j.jpowsour.2022.231525
2.	Feb. 2022	Stable and reversible electrochromic behaviour in NiO thin films.	K. H Parmar, P. R. Chikate et. al.	International, 3.237	https://doi.org/10.1016/j.cjph.2022.02.014
3.	Dec. 2020	Hierarchically interconnected ZnO nanowires for low-temperature-operated reducing gas sensors: experimental and DFT studies	P. R. Chikate , et. al.	International, 3.591	https://doi.org/10.1039/D0NJ05231K
4.	Mar. 2020	Effects of Au loading on the enhancement of photoelectrochemical activities of the Au@ZnO nano-heteroarchitecture.	P. R. Chikate , et.al.	International, 3.591	https://doi.org/10.1039/d0nj00004c
5.	Jun.	An Investigation	N.	International	https://doi.org/10.1002/slct.20190039

	2019	on the effect of Li-Ion cycling on the vertically aligned brookite TiO ₂ nanostructure	Kitchamsetti, P. R. Chikate , et. al.	al, 2.109	5
6.	Jan. 2019	Intense field electron emission source designed from large area array of dense rutile TiO ₂ nanopillars	P. N. Didwal, P. R. Chikate , et.al.	International, 2.478	https://doi.org/10.1007/s10854-018-00570-9
7.	Oct. 2019	Perforated mesoporous NiO nanostructures for an enhanced pseudocapacitive performance with ultra-high-rate capability and high energy density.	N. Kitchamsetti, P. R. Chikate , et. al.	International, 3.545	https://doi.org/10.1039/C9CE01475F
8.	July 2018	Controlled heteroarchitecture of Au nanoparticles decorated ZnO nanowires for enhanced field electron emission displays.	P. R. Chikate , M. Shirage, R. S. Devan	International, 2.109	https://doi.org/10.1002/slct.201801282
9.	Jun. 2018	Spitzer shaped ZnO nanostructures for enhancement for field electron emission behaviours.	P. R. Chikate , et. al.	International, 3.36	https://doi.org/10.1039/C8RA03282C
10.	Jan. 2017	Nano heteroarchitecture of two dimensional MoS ₂ @One dimensional brookite TiO ₂ nanorods: prominent electron emitters for displays.	R. S. Devan, P. R. Chikate , et. al.	International, 3.512	https://doi.org/10.1021/acsomega.7b00345
11.	Aug. 2016	Titania sensitized with spadns dye for dye sensitized	P. N. Didwal, P. R. Chikate ,	International, 2.478	DOI: 10.1007/s10854-016-5431-3 https://link.springer.com/article/10.1007/s10854-016-5431-3

		solar cell.	et. al.		
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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.	October 2025	Innovation and Renewable energy as catalyst for India's sustainable economic growth	Transformation of Indian Economy in the Global Context: Artificial Intelligence, Innovations & Sustainable Development	202		9789349834064	

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 ₂ 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, Workshops, Symposia:

Sr. No.	Month & Year of Presentation	Title of Event	Funding Organization	Int/Na/St/Re Level	Nature of Work	Links
1.	Feb. 2025	National Level Students Competition on Innovative Ideas	PM-Usha	National	Co-ordinator	https://drive.google.com/file/d/1G6DHMnm6tOtLlf0OdcokTXclrSZOic3P/view?usp=sharing

22. Invited Lectures/Resource Person:

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

23. Awards:

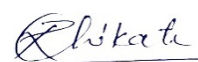
Sr. No.	Date and Year	Award	Agency	Link
1.	Chief Minister Special Research Fellowship-2019	Government of Maharashtra	Chhatrapati Shahu Maharaj Research, Training and Human Development Institute, Pune.	https://drive.google.com/file/d/1ZC6bixyb-sLDKDiRttlojkQYFUiswpf1/view?usp=drive_link
2.	Post-Doctoral research fellow	Republic of Korea	Sungkyunkwan University, South Korea	https://drive.google.com/file/d/1WbodaSoHzAWq5I_BJpfp8sGo18hC9TH/view?usp=drive_link

24. Special Achievements:

Sr. No.	Date and Year	Achievement	Agency	Link
1.	2023	Best Research Paper award	Indian Institute of Technology Indore	
2.	2024	NPTEL Course	Indian Institute of Technology Madras Funded by the MoE, Govt. of India	https://drive.google.com/file/d/1qNzS_wrhW4_Yubg_qNC2mkMxY0KeRpJP/view?usp=sharing
3.	2024	FDP_NPTEL-AICTE	Indian Institute of Technology Madras Funded by the MoE,	https://drive.google.com/file/d/1cIx6UEDqE6wAZ0H_RFY_1zUQeEMoHKzBL/view?usp=sharing

			Govt. of India	
4.	2025	NPTEL Course	Indian Institute of Technology Madras_F unded by the MoE, Govt. of India	https://drive.google.com/file/d/16jPjXeQciGcG5oz5E09NWB_LVAV3P-gt/view?usp=sharing
5.	2025	NPTEL Course	Indian Institute of Technology Madras_F unded by the MoE, Govt. of India	https://drive.google.com/file/d/1H96VB8hVY4f3nOMmFlkqGj0oenuNnSwWB/view?usp=sharing
6.	2025	FDP_NPTEL-AICTE	Indian Institute of Technology Madras_F unded by the MoE, Govt. of India	https://drive.google.com/file/d/1v9H-YveOa6ZnoLxt69hYDGii369Bghda/view?usp=sharing
7.	2025	FDP_NPTEL-AICTE	Indian Institute of Technology Madras_F unded by the MoE, Govt. of India	https://drive.google.com/file/d/1hOwyxKN8dNACxVAZU-3SNhAfo6-4vbTZ/view?usp=sharing

Name & Signature



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