CURRICULUM VITAE

PERSONAL DETAILS

1. Name : Dr. Deepak Ananda Kumbhar

2. Permanent Address : Sahyadri Park, Toraskar Mala, Sarnobatwadi,

Tal- Karveer, Dist-Kolhapur

3. Designation : Assistant Professor

4. Qualification : M. Sc., NET, Ph. D.

5. Mobile Number : 8275272409

6. e-mail : deepak.que@gmail.com, kumbharda@dkasc.ac.in

7. Vidwan Id : 358773

8. Date of Birth : 25/07/1988

9. Gender : Male

EDUCATIONAL QUALIFICATION:

Degree /Qualification	School/ College/Institute	Board/ University	Passing Year	Class & Percentag e	Specialization
Ph.D.	Shivaji University, Kolhapur	Shivaji University, Kolhapur	2021	-	Chemical Sciences
NET	UGC-CSIR, New Delhi.	UGC-CSIR, New Delhi.	2013	29 Rank	Chemical Sciences
M.Sc. (Org. Chem.)	S. G. M. College, Karad.	Shivaji University, Kolhapur	2011	61.71	Organic Chemistry
B.Sc. (Chem.)	Shivraj college, Gadhinglaj.	Shivaji University, Kolhapur	2008	68.96	Chemistry
HSC	Sambhajiro Mane jr. College, Gadhinglaj	M.S.B.S.H.S. Edu. Pune.	2005	65.67	Science
SSC	Gadhinglaj Highschool, Gadhinglaj	M.S.B.S.H.S. Edu. Pune.	2003	68.93	All Subject

10. Ph.D. thesis title : Doped/undoped Metal Oxides Based Sandwich type Device

Fabrication for Dye Sensitized Solar Cells

Guide's Name : Dr. Avinash M. Nalawade

11. Research Specializations : Organic Chemistry, Material Science

12. Awards /Achievements: - Nil

13. Date of recognition as PG teacher (if applicable): 04/06/2022

14. Date of recognition as Research Guide (if applicable): Nil

15. Number of students completed M.Phil. /Ph.D. degree under your supervision- Nil

16. Number of Research Students currently working under your supervision: Nil

17. Teaching Experience:

UG level: 6 years 11 months **PG level**: 5 years 11 months

Sr. No.	Designation / Post held	Name of the College /	Nature of appointment	Period		Experience in Years
110.	/ Fost Helu	Institute	appointment	From	to	in rears
	Assistant	Raje Ramrao	Permanent	28/03/2016	20/12/2021	5 Years 9
1.	Professor	Mahavidyala				months
		Jath				
	Assistant	Dattajirao	Permanent	21/12/2021	Till date	1 Year 2
	Professor	Kadam Arts,				months
		Science and				
2.		Commerce				
		College,				
		Ichalkaranji				
					Total	6 years 11 months

18. Experience in this College: 1 years 3 months

19. Research Articles Published: (Write number here)

Total citations: 55 h-index: 5

Link to the Google scholar account:

https://scholar.google.com/citations?user=eTiA57oAAAAJ&hl=en

Sr. No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN	UGC enlis Journal /D Identifier (e recognition tment of the rigital Object (doi) number	t •
							Link to website of the Journal	Link to article / paper / abstract of the article	Is it listed in UGC Care list
1.	Effect of Cu doping on structural and optical properties of ZnO nanoparticle s using sol— gel method	Rajaram S Sutar, Prashant J Kalel, Sanjay S Latthe, Deepak A Kumbhar, Smita S Mahajan, Prashant P Chikode, Swati S Patil, Sunita S Kadam, VH Gaikwad, Appasaheb K Bhosale, Kishor Kumar Sadasivuni, Shanhu Liu, Ruimin Xing	Chemistry	Macrom olecular Symposi a	2020	1521- 3900	https://on linelibrar y.wiley.c om/journ al/152139 00	https://onl inclibrary. wiley.com /doi/abs/1 0.1002/m asy.20200 0034	Yes
2.	Effect of Cu doping on structural and optical properties of ZnO nanoparticle s using sol— gel method	Deepak Kumbhar, Sarita Kumbhar, Govind Salunke, Rekha Nalawade, Avinash Nalawade	Chemistry	Macrom olecular Symposi a	2019	1521- 3900	https://on linelibrar y.wiley.c om/journ al/152139 00	https://onl inelibrary. wiley.com /doi/abs/1 0.1002/m asy.20180 0192	Yes
3.	Enhanced photoelectr ochemical cell performanc	Deepak Kumbhar, Sarita Kumbhar, Anant	Chemistry	Inorganic and Nano- Metal Chemistr	2021	2470- 1564	https://w ww.tandf online.co m/journal s/lsrt21	https://w ww.tandf online.co m/journal s/lsrt21	Yes

	e of Co doped ZnO nanoparticle s sensitized by affordable mixed dyes as sensitizer	Dhodama ni, Sagar Delekar, Namdev Harale, Rekha Nalawade, Avinash Nalawade		у					
4.	Photoelectr ochemical cell performanc e Cu doped ZnO photoanode sensitized by xanthene dyes	Kumbhar Deepak, Kumbhar Sarita, Delekar Sagar, Nalawade Rekha, Nalawade Avinash	Chemistry	Nanosyst ems: Physics, Chemistr y, Mathemat ics	2019	2305- 7971	http://nan ojournal.i fmo.ru/en /	https://cy berlenink a.ru/articl e/n/photo electroche mical- cell- performan ce-cu- doped- zno- photoano de- sensitized -by- xanthene- dyes/view er	Yes
5.	Effect of Mn2+ Substitution into the Host Lattice of ZnO via sol–gel Route for Boosting the Dye-Sensitized Solar Cells Performanc e	Deepak Kumbhar, Sagar Delekar, Sarita Kumbhar, Ananta Dhodama ni, Namdev Harale, Rekha Nalawade, Avinash Nalawade	Chemistry	Chemical Papers	2021	2585- 7290	https://w ww.sprin ger.com/j ournal/11 696	https://lin k.springer .com/artic le/10.100 7/s11696- 021- 01615-w	
6.	Multicompo nent, One- Pot Synthesis of Highly Substituted Pyridines with Zinc Oxide Nanoparticl es as Catalyst	Kiran Patil, Deepak Kumbhar, Amol Patil, Shrikrishn a Karhale, Vasant Helavi	Chemistry	Indian J. Heterocyc l. Chem	2017	2456- 4311	https://co nnectjour nals.com/ ijhc	https://w ww.resear chgate.net /publicati on/32482 4109 MU LTICOM PONENT ONE- POT_SY NTHESIS OF_HIG HLY_SU	

								BSTITUT ED PYRI DINES WITH ZI NC OXI DE NAN OPARTI CLES A S CATA LYST	
7.	Structural, Morphologi cal, and Optical Investigatio n of Ag-Doped TiO2/rGO Nanocompo site Synthesized by Ex Situ Route	Deepak A Kumbhar, Sarita S Kumbhar, Vilas V Killedar, Rekha A Nalawade, Avinash M Nalawade, Govind D Salunke, Krishna K Rangar	Chemistry	Macromo lecular Symposia	2021	1521- 3900	https://on linelibrar y.wiley.c om/journ al/152139 00	https://onl inclibrary. wiley.com /doi/abs/1 0.1002/m asy.20210 0175	Yes
8.	Structural and morphologi cal study of Mn doped ZnO nanoparticle s prepared by sol-gel method	Kumbhar D A, Kumbhar SS and Nalawade AM	Chemistry	Internatio nal Journal of Life Sciences	2018	2320- 964X	https://ijls ci.in/ls/in dex.php/h ome/	https://w ww.resear chgate.net /profile/D eepak- Kumbhar/ publicatio n/324824 276 Struc tural and morphol ogical stu dy of M n doped ZnO nan oparticles prepared by sol- gel meth od/links/5 ae4a5f6a6 fdcc3bea9 5d20d/Str uctural- and- morpholo gical- study-of- Mn- doped-	Yes

				ZnO- nanoparti	
				<u>nanoparti</u>	
				<u>cles-</u>	
				prepared-	
				by-sol-	
				gel-	
				method.p	
				<u>df</u>	

20. Number of books and chapters in edited volumes/books published and papers published in national/international conference proceedings:

Sr. No.	Title of the book/chapters published/ Title of the paper	Title of the proceedings of the conference	Name of the conferenc e	National / Internation al	Year of publicati on	ISBN	Affiliating Institute at the time of publication	Name of the publisher
2.	Synthesis of co doped ZnO nanoparticles by sol gel method and their characterizations for solar cell application	DA Kumbhar, AM Nalawade, SS Kumbhar, RA Nalawade, GD Salunke	ADVANC ES IN MATERI ALS SCIENCE	International	2017	978-81- 931247- 6-5	R. R. College, Jath	Raje Ramrao Mahavidyal aya, Jath
3	Role of Dr. B.R. Ambedkar's social movements to emerge him as an emancipator of untouchables	Lavate Rajendra A., Sathe Sanjay S., Sajjan, Mallappa B., Kumbhar Dipak A., Salunke Govind D. and Borate Santosh D.	Changiing Paradigms of Social Movement s	National	2017	978-93- 83797- 52-1	Raje Ramrao Mahavidyal aya, Jath	Raje Ramrao Mahavidyal aya, Jath
4	Microwave assisted green synthesis of 1H-Pyrazolo [1, 2-b] Phthalazine-5, 10- Dione Derivatives with 5%CTAB capped ZnO nanoparticles as catalyst	Kiran N. Patil Dipak A. Kumbhar, Shrikrishna S. Karhale, Vasant B. Helavi	Proceeding of Internation al Conferenc e on Advances in Materials Science	International	2016	978-93- 5254- 490-5	Raje Ramrao Mahavidyal aya, Jath	Raje Ramrao Mahavidyal aya, Jath
5	Study of Morphological Change in ZnO Nanoparticles by Capping Agents Using Sol-gel Method	S. B. Raut D.A.Kumbhar A. M. Nalawade, R. A. Nalawade	Proceeding of Internation al Conferenc e on Advances in	International	2016	978-93- 5254- 490-5	Raje Ramrao Mahavidyal aya, Jath	Raje Ramrao Mahavidyal aya, Jath

			Materials Science					
6	Bryophytes as Source of Silver Nanoparticles: A Review	R.A. Sathe, S.S., Kumbhar, D.A., Salunke, G.D. Mali V.C., Bobade, N.R.,M.B. Sajjan,Lavate	Proceeding of Internation al Conferenc e on Advances in Materials Science	International	2016	978-93- 5254- 490-5	Raje Ramrao Mahavidyal aya, Jath	Raje Ramrao Mahavidyal aya, Jath
7	Green Synthesis of Silver Nanoparticles from Plants	B. N. Kokare.Vidya C. Mali Krinsha. K. Rangar, Rajendra A. Lavate, Dipak A. Kumbhar, Sanjay S. Sathe	Proceeding of Internation al Conference on Advances in Materials Science	International	2016	978-93- 5254- 490-5	Raje Ramrao Mahavidyal aya, Jath	Raje Ramrao Mahavidyal aya, Jath
8	Fabrication of nickel-zinc ferrite thin films by spray pyrolysis method and to study their structural and morphological properties	S. S. Kumbhar, D. A. Kumbhar, K. Y. Rajpure, C. H. Bhosale	Advances in Functional and Sustainabl e Materials	International	2022	978-93- 91768- 77-5	Dattajirao Kadam Arts, Science, Commerce College, Ichalkaranji	Bhumi Publishing

21. Details of Workshop/ Seminar/ Conference/ Symposia Attended/ Participated/ Presented:

National: 3 International: 4

Sr. No.	Name of conf., workshop, seminar, symposia	Date	Level	Role (Attended, presented, participated)
1.	National Seminar on "Emerging trends in Chemical Sciences	2017	National	Presented
2.	National Conference on Material	2017	National	Presented

	Sciences at Lal Bahadur Shastri			
	Collegen of Arts, Commerce and			
	Science			
3.	International Conference on Energy,	7 th Feb. 2019	International	Presented
	Environment an Ethics in Research			
4.	Second International Conference on	8 th and 9 th Feb.	International	Presented
	"Integrative approach in	2019		
	Environment and applied sciences			
	organized by P. D. V. P. College,			
	Tasgaon			
5.	Advances in Material Science"	20 th to 21 st Jan.	International	Presented
	organized by Dept. of Physics, Raje	2020		
	Ramrao Mahavidyalaya, Jath			
6.	one day training on "ASHE/MIS"	2017	Regional	Attended
	organized by Shrimati Mathubai			
	Garware Kanya Mahavidyalaya,			
	Sangli			
7.	one day training on "Financial	2017	Regional	Attended
	literacy and cashless Maharashtra"			
	organized by Raje Ramrao			
	Mahavidyalaya, Jath			
8.	one day training on "Personality	2017	Regional	Attended
	Development" organized by Raje			
	Ramrao Mahavidyalaya, Jath			
9.	one day National Seminar on "Self-	20th Sept. 2017	National	Attended
	employment and Animal husbandry			
	related Opportunities" organized by			
	Department of Economics			
10.	Attended one day training on	24 th Nov. 2017	University	Attended
	"Avishkar" jointly organized by			
	Willingdon College, Sangli and			

	Shivaji University, Kolhapur			
11.	one day Lead college workshop	30 th Nov. 2017	Regional	Attended
	onorganized by Department of			
	Economics "Demonitization policy			
	and its effect on Indian Economy"			
	organized by			
	RajeRamraoMahavidyalaya			
12.	one day training on "ASHE/MIS"	1st Feb 2018	University	Attended
	jointly organized by P. D. V. P.			
	Mahavidyalaya, Tasgaon and Shivaji			
	University, Kolhapur			
13.	one day workshop on "Revised	13 th Aug. 2018	University	Attended
	Syllabus of B. Sc. I" organized by			
	Department of Chemistry, Arts,			
	Commerce and Science College,			
	Burli			
14.	one day workshop on "Revised	20th Aug 2018	University	Attended
	Syllabus of M. Sc. I (Organic			
	Chemistry)" organized by			
	Department of Chemistry,			
	Willingdon College, Sangli			
15.	one day workshop on "Revised	20th Aug 2018	University	Attended
	Syllabus of M. Sc.I (Inorganic			
	Chemistry)" organized by			
	Department of Chemistry, Balawant			
	College, Vita			
16.	one day training on "ASHE/MIS"	3 rd Jan 2019	University	Attended
	jointly organized by Willingdon			
	College, Sangli and Shivaji			
	University, Kolhapur			
17.	one day workshop on "New spirit of	20 th Jul. 2019	Regional	Attended

	assessment and accredation process			
	organized by IQAC jaysingpur			
	college jaysingpur			
10		20th A 2010	TT.::4	A44 J. J
18.	one day workshop on "Revised	29 th Aug. 2019	University	Attended
	Syllabus of B. Sc. II (Organic			
	Chemistry) organized by Department			
	of Chemistry Rajaram College,			
	Kolhapur			
19.	one day workshop on "Revised	31 th Aug. 2019	University	Attended
	Syllabus of B. Sc. II (Physical			
	Chemistry) organized by Department			
	of Chemistry DKASC Ichalkaranji			
20.	one day workshop on "Revised	3 rd Sept. 2019	University	Attended
	Syllabus of M. Sc. II (Analytical			
	Chemistry) organized by Department			
	of Chemistry & IQAC Dr.			
	Patangarao Kadam Mahavidyalaya,			
	Sangli			
21.	one day workshop on "AISHE"	17th Jath. 2020	University	Attended
	Organized by CSIBER College			
	Kolhapur			
22.	Online International Conference on	24 th April 2020	International	Attended
	"Climate Change, Mangroves and			
	sustainable Management" Organized			
	by IQAC and PG-Dept. of Botany of			
	Shri Pancham Khemraj			
	Mahavidyalaya, Sawantwadi			
23.	Participated in Online National Level	10 th May 2020	National	Attended
	Workshop on "Creating Video	,		
	Lectures Using OBS Studio"			
	Organized by IQAC of Mahatma			

	Phule Mahavidyalaya, Kingaon			
24.	Participated in a Webinar on "ICT	21st May 2020	National	Attended
	enablement in Higher Education for			
	the betterment of Academic Delivery			
	and Statutory adherence" Organized			
	by Lal Bahadur Shastri College of			
	Arts, Science and Commerce, Satara			
25.	Participated in one day online	2 nd June. 2019	National	Attended
	workshop on "NAAC- Revised			
	Accreditation Framework" organized			
	by RUSA S. P. D. Maharashtra- Dr.			
	Patangarao Kadam Mahavidyalaya,			
	Sangli and IQAC, Shivaji University,			
	Kolhapur			
26.	Participated in National level	4 th and 5 th June	National	Attended
	Conference on "Environment and	2020		
	Biodiversity for Sustainable			
	Development", Organized by Dept.			
	of Chemistry, Botany, Zoology and			
	IQAC			
27.	Participated in Fifth International	6 th and 7 th June	International	Attended
	Conference on "Advances in	2020		
	Material Science", Organized by			
	Dept. of Physics and IQAC			
28.	Participated in a National level	10 th June 2020	National	Attended
	Webinar on "Cyber Security"			
	Organized by Jayavant Institute of			
	Management Studies			
29.	Participated in One day National	11 th June 2020	National	Attended
	level webinar on "COVID-19 and			
	Historical Review of Pandemics"			

	Organized by Department of History			
	and IQAC of Raje Ramrao			
	Mahavidyalaya, Jath			
30.	Participated in One day	14 th June 2020	National	Attended
	Interdisciplinary webinar on			
	"Refugee Crisis: Past and Present"			
	Organized by Department of English			
	and IQAC, of Raje Ramrao			
	Mahavidyalaya, Jath			
31.	Participated in "Yoga Day Special	21st June 2020	National	Attended
	Session and Talk on Mind			
	Management and Meditation"			
	Organized by NCC and IQAC, of			
	Raje Ramrao Mahavidyalaya, Jath			
32.	Participated in one day National level	11 th July 2020	National	Attended
	webinar on "Water Level			
	Management and Future Challanges"			
	Organized by Department of			
	Geography and IQAC, of Raje			
	Ramrao Mahavidyalaya, Jath			
33.	Participated in one week online	27 th July to 1 st	University	Attended
	workshop on "NAAC Assessment	August 2020		
	and Accreditation Framework"			
	Organized by IQAC, of Arts,			
	Commerce and Science College,			
	Palus			
34.	Participated in International	5 th August to 3 rd	International	Attended
	workshop on "Workshop on	September 2020		
	Research and Methodology"			
	(WORM 2.0) Organized by Eudoxia			
	Research Centre			

35.	Participated in Two Day	20 th and 21 st	International	Attended
	"International Conference on	March to 2021		
	Research Methodology for			
	Qualitative and Quantitative			
	Research" (COM - 2021) Organized			
	by Eudoxia Research Centre, India			
36.	Participated in One Day Workshop	21st January to	University	Attended
	on "Change in Syllabus of M. Sc. II	2021		
	(Sem-III) Physical Chemistry			
	Course" Organized by Department of			
	Chemistry Rajarshi Chhatrapati			
	Shahu College and Shivaj University,			
	Kohapur			
37.	Participated in One Day Workshop	27 th January to	University	Attended
	on "Revised Syllabus of B. Sc. III	2021		
	Chemistry Paper X and XIV"			
	Organized by Department of			
	Chemistry Dr. Ghali College,			
	Gadhinglaj			
38.	Participated in One Day Workshop	17 th February to	University	Attended
	on "New Syllabus of B. Sc. III	2021		
	Physical Chemistry Paper XI and			
	XV" Organized by Department of			
	Chemistry Lal Bahadur Shastri			
	College of Arts, Science and			
	Commerce			

22. Lectures Delivered at Workshop/ Seminar/ Conference/ Symposia and other as Resource Person:

Sr.	Name of conf., workshop, seminar,	Date	Level	Role (Attended,
No.	symposia			presented,
				participated)
1	Delivered a Talk about NET, SET	2016	Regional	Resource Person
	examination at L. B. S. College, Satara			
2	Guest lecture given on	2016	Regional	Resource Person
	"Nanotechnology" at Arts, Commerce			
	& Science college, Umadi			
3	Guest lecture given on "Skill	2016	Regional	Resource Person
	Development and Data Skills" at Arts,			
	Commerce & Science college, Umadi			
4	Delivered a talk about " Effect of	2019	Regional	Resource Person
	pollution on Biodiversity" at Lead			
	college workshop on Biodiversity			
	Conservation at Raje Ramrao			
	Mahavidyalaya, Jath			
5	As a Resource person for "How to	26th Aug. 2019	Regional	Resource Person
	prepare power point presentation"			
6	As a Resource person for "Guidance	29th Feb. 2020	Regional	Resource Person
	for NET- SET Examination at Raje			
	Ramrao Mahavidyalaya, Jath			
7	As a guest lecture on "Soaps and	13 th Oct. 2019	Regional	Resource Person
	detergent and paper Industry" at			
	RKPACS. College Sankh			

23. Projects ongoing/completed

Sr. No.	Name of the research project/ endowment	Name of the Principal Investigator/Co- investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency
1.	Doped/undoped Metal Oxides Based Sandwich type Device Fabrication for Dye Sensitized Solar Cells	Dr. D. A. Kumbhar	Chemistry	2017	1,00,000/-	2 Years	Shivaji University, Kolhapur

24. Details of teachers undergoing Faculty Development Programmes, Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course / Certificate Course (MSCIT, TALLEY, JAVA, MOOCS) etc.)

Sr. No.	Title of the program	Duration (from – to) (DD-MM-YYYY)	
1	Induction Programme	03/12/2018 to 28/12/2018	
2	Online Refresher Course in Chemistry for Higher Education Faculty	30/03/2019	
3	Online Refresher Course in Chemistry for Higher Education Faculty	16/02/2020	
4	Faculty Development Programme for "Global Business Foundation Skills"	22/08/2016 to 30/08/2016	
5	Faculty Development Programme on Nanomaterials Characterization Techniques and Results Analysis Methodology: Ideas, Innovation and Initiatives (Organic Chemistry)	27/07/2020 to 31/07/2020	
6	Faculty Development Programme Moodle	25/04/2020 to 30/04/2020	

	Learning Management System				
7	Two Week Faculty Development Programme on	17/04/2020 / 20/04/2020			
	"Latex"	17/04/2020 to 30/04/2020			
8	Three Day National Level Faculty Development				
	programme on "Skill Development for Online	5 th May to 7 th May 2020			
	Teaching" Organized by IQAC of Bhavans College,	3 May to 7 May 2020			
	Andheri (W) Mumbai				
9	Participated in One Week Virtual International Faculty				
	Development Programme on "Advanced Topics in	. 4.			
	Chemical Sciences" Organized by Post Graduate	15 th May to 21 st May 2020			
	Department of Chemistry, Nallamuthu Gounder				
	Mahalingam College, Pollach				
10	Participated in One Week Faculty Development				
	Programme on "ICT Tools for Effective Teaching				
	Learing" Organized by School of Mathematical	11 th May to 16 th May 2020			
	Sciences, Swami Ramanand Teerth Marathwada				
	University, Nanded				
11	Participated in Two Week Faculty Development				
	Programme on "Empowerment through Digital				
	Technology and E-Learning" Organized by Shreemati	18 th May to 30 th May 2020			
	Nathibai Damodar Thackersey (SNDT) Womans				
	University				
12	Participated in "One Month Advanced International				
	Training Program on Research Manuscript Drafting and	30 th September to 31 st October			
	Publishing-2020" (TORMP -3.0) Talk Organized by	to 2020			
	Eudoxia Research Centre				
13	Participated in "One Month International Research				
	Methodology Workshop on Free Publication of	12 th November to 14 th December to			
	Qualitative and Quantitative Research Paper in Peer	2020			
	Reviewed Journal" (MAQ - 2020) Organized by				
	Eudoxia Research Centre				

25. Membership of Institutional /Professional bodies: Nil

26. DECLARATION:

I hereby declare that all information in this document is true, complete and correct to the best of my knowledge and belief.

Place: Ichalkaranji Signature

Date: 23/03/2022 (Name- Dr. Deepak Ananda Kumbhar)