

## FACULTY PROFILE



<b>1.</b>	<b>Name</b>	:	<b>Dr. Patil Chandrakant Ekanath</b>																														
<b>2.</b>	<b>Educational Qualifications</b>	:	M.Sc. Ph.D. B.Ed.																														
<b>3.</b>	<b>Designation</b>	:	Associate Professor																														
<b>4.</b>	<b>Address for Communication</b>	;	At. post.- Amrapur, Tal. Kadegaon, Dist. Sangli																														
<b>5.</b>	<b>E-mail Id</b>	:	<a href="mailto:cepatil4618@yahoo.co.in">cepatil4618@yahoo.co.in</a> , chandrakant7401@gmail.com																														
<b>6.</b>	<b>Mobile No.</b>	:	9850520349																														
<b>7.</b>	<b>Experience</b>	:	29 years																														
	a) Teaching - UG	:	29 years																														
	PG	:	6 years																														
	b) Research-	:	12 years																														
<b>8.</b>	<b>Details of Qualifications</b>	:	<i>Please write in descending order.</i>																														
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">Sr.</th> <th style="width: 15%;">Exam.</th> <th style="width: 30%;">Board / University</th> <th style="width: 15%;">Year</th> <th style="width: 35%;">Specialization</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">B.Sc.</td> <td>Shivaji University, Kolhapur</td> <td style="text-align: center;">1990</td> <td style="text-align: center;">Physics</td> </tr> <tr> <td style="text-align: center;">2</td> <td style="text-align: center;">M.Sc.</td> <td>Poona University, Pune</td> <td style="text-align: center;">1992</td> <td style="text-align: center;">General Physics and Applied Electronics</td> </tr> <tr> <td style="text-align: center;">3</td> <td style="text-align: center;">Ph.D.</td> <td>Bharti Vidyapeedt Deemed University, Pune</td> <td style="text-align: center;">2009</td> <td style="text-align: center;">Material Science</td> </tr> <tr> <td style="text-align: center;">4</td> <td style="text-align: center;">B.Ed.</td> <td>Open University, Nasik</td> <td style="text-align: center;">1997</td> <td style="text-align: center;">Science</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>				Sr.	Exam.	Board / University	Year	Specialization	1	B.Sc.	Shivaji University, Kolhapur	1990	Physics	2	M.Sc.	Poona University, Pune	1992	General Physics and Applied Electronics	3	Ph.D.	Bharti Vidyapeedt Deemed University, Pune	2009	Material Science	4	B.Ed.	Open University, Nasik	1997	Science					
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<b>9.</b>	<b>CAREER PROFILE</b>	:	<i>Please write in descending order.</i>																														
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iii.	B.V. Matoshri Bayabai Shripatrao Kadam Kanya Mahavidyalaya, Kadegaon	20/01/2021 to till today	
Total Teaching Experience (UG): Years			30
<b>B]</b>	Post Graduate Level:		
i.	KWC college, Sangli	2013 to 2021	6 years
ii.			
Total Teaching Experience (PG): Years			

<b>10.</b>	<b>RESEARCH CONTRIBUTION</b>	:	
a)	<b>Research Guidance</b>	:	<i>Please write in descending order.</i>
i.	<b>Supervision of Doctoral Theses (Awarded)</b>	:	

Sr. No.	Name of the Candidate	University & Date of Registration	Title of the Thesis	Date of Declaration
1.	Dr. Sachin Abitkar	Shivaji University, Kolhapur	"SYNTHESIS AND CHARACTERIZATION OF NICKEL HYDROXIDE-ACTIVATED CARBON COMPOSITE FILMS FOR SUPERCAPACITOR APPLICATION"	24 April 2020
2.				
3.				

ii.	<b>Supervision of Dissertations (Awarded)</b>	:	<i>Please write in descending order.</i>
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Sr.	Name of the Candidate	Country	University & Date of Registration	Title of the Dissertation	Date of Declaration
1					

iii.	<b>Supervision of Doctoral Theses (Under Progress)</b>	:	<i>Please write in descending order.</i>
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Sr.	Name of the Candidate	Country	University & Date of Registration	Title of the Thesis	Status
1.	Smt. Kharade A. V.	India	Shivaji University, Kolhapur	HYDROTHERMALLY SYNTHESIZED ZINC COBALT OXIDE AND ITS COMPOSITES FOR SUPERCAPACITOR	14/12/2021

				APPLICATION.	
	2.				
	3.				

  

	<b>iv.</b>	<b>Contribution as an External Referee for Ph. D. Theses</b>	:	<i>Please write in descending order.</i>
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Sr.	Name of the Candidate	University	Date/Year

  

	<b>v.</b>	<b>Contribution as an External Referee for M. Phil. Dissertations</b>	:	<i>Please write in descending order.</i>
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Sr.	Name of the Candidate	University	Date/Year

  

	<b>b)</b>	<b>Research Papers Published</b>	:	<i>Please write in descending order.</i>
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Sr.	Title of the Paper	Journal, ISSN& IF	Vol. No., Year, Page No.	Author/ Co-author
1	Synthesis of electrochromic vanadium oxide by pulsed spray pyrolysis technique and its properties.	J. Phys. D: Appl. Phys. 42 (2009) 025404 (7pp)	J. Phys. D: Appl. Phys. 42 (2009) 025404 (7pp)	C.E. Patil
2	Electrochromic performance of the mixed V <sub>2</sub> O <sub>5</sub> -WO <sub>3</sub> thin films synthesized by pulsed spray pyrolysis technique.	Current Applied Physics 14 (2014) 389e395	Current Applied Physics 14 (2014) 389e395	C.E. Patil
3	Electrochromic properties of vanadium oxide thin films prepared by PSPT: Effect of substrate temperature.	AIP Conf. Proc. 1536, 517 (2013); doi: 10.1063/1.4810328	AIP Conf. Proc. 1536, 517 (2013); doi: 10.1063/1.4810328	C.E. Patil
4	Electrochromic performance of mixed V <sub>2</sub> O <sub>5</sub> -MoO <sub>3</sub> thin films synthesized by pulsed spray pyrolysis technique.	Materials Chemistry and Physics 126 (2011) 711-716	Materials Chemistry and Physics 126 (2011) 711-716	C.E. Patil

5	A facile synthesis of a-Ni(OH) <sub>2</sub> -CNT composite films for supercapacitor application.	Advanced Powder Technology	Volume 30, Issue 10(2019), Pages - 2285-2292	Guide C.E. Patil
6	Enhanced specific Capacitance and electrochemical properties of Nickel Hydroxide deactivated Carbon ( $\alpha$ -Ni(OH) <sub>2</sub> -AC) nanocomposite for pseudocapacitor electrode material.	Journal of Material Science: Materials in Electronics (JMSE)	Journal of Material Science: Materials in Electronics J Mater Sci: Mater Electron (2021) 32:8657–8667 (JMSE) Apr 2021 DOI: 10.1007/s10854-021-05529-x ISBN: 1573-482 Vol. P.32(7):1-11	Guide C.E. Patil
7	Spray Deposition of PDMS/Candle Soot NPs Composite for Self-Cleaning Superhydrophobic Coating.	Macromolecular Symposia	13 Oct.2020 ISSN:1521-3900	Co-author C.E. Patil
8	Synthesis, Characterization and Electrochemical Performance of Nanostructured V <sub>2</sub> O <sub>5</sub> Thin Film Deposited by Hydrothermal Method	International Journal of Research and Analytical Reviews	January, 2019 ISSN:2349-5138	Author C.E. Patil
9	Photocatalytic and Superhydrophilic TiO <sub>2</sub> -SiO <sub>2</sub> Coatings on Marble for Self-Cleaning Applications	Macromolecular Symposia	2021 DOI: 10.1002/masy.202100083 (1 of 5)	Co-author C.E. Patil

<b>c)</b>	<b>Books/Souvenirs Published</b>	:
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Sr.	Title of the Book	ISBN	Name of the Publisher	Year

<b>d)</b>	<b>Research Projects</b>	:
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Sr.	Title of the Project	Major/Minor	Funding Agency	Duration

e)	<b>Research Papers Presented</b>	:	<i>Please write in descending order.</i>
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Sr.	Title of the Paper	Name of the Conference	Date
1	Photocatalytic and Superhydrophilic TiO <sub>2</sub> Coatings on Marble for Self-Cleaning Applications.	Sixth International Conference on Advances in Materials Science ICMS-2021	Raje Ramrao Mahavidyalaya, Jath 23rd -24th April 2021
2			

<b>11.</b>	<b>PARTICIPATION IN KNOWLEDGE EVENTS</b>	:	
a)	<b>International Conferences/ Seminars</b>	:	<i>Please write in descending order.</i>

Sr.	Theme of the Conference	Organiser	Date(s)
1	"International Seminar on Smart Materials, Nanocomposites, Industrial Applications & Devices"	Department of Physics, Shivaji University Kolhapur.	July 28 <sup>th</sup> & 29 <sup>th</sup> , 2000
2	International Conference on Advanced Materials And Applications	Department of Physics, Shivaji University, Kolhapur.	15 / 11 / 2007 to 17 / 11 / 2007
3	International Conference on nanomaterials and Applications (ICNAMA-2008)	Department of Physics, Shivaji University, Kolhapur.	9-11 Dec 2008
4	International Workshop on Nanotechnology and Advanced Functional Materials	NATIONAL CHEMICAL LABORATORY, PUNE	9 to 11 July 2009
5	<b>IUMRS-ICA 2011, 12th International Conference in Asia"</b> Materials Research Societies in the Asian Area. Taipei, <b>Taiwan</b>	<b>IUMRS-ICA 2011, 12th International Conference in Asia"</b> Materials Research Societies in the Asian Area. Taipei, <b>Taiwan</b>	19 - 22 September, 2011
6	Multidisciplinary International Conference on "World Sustainable Development: Vision 2030"	In Association with Union of Iranian Students Islamic Association (Indian Unit) Organised by Dr. Patangrao Kadam Mahavidyalaya, Sangli.	19th March, 2019

7	International Conference on Advances in Pure and Applied Sciences (ICAPAS-2019)	Balwant College,Vita.	5th and 6 <sup>th</sup> January,2019
8			

**b) National Conferences/Seminars : *Please write in descending order.***

Sr.	Theme of the Conference	Organiser	Date(s)
1	"National Seminar On Material for Advanced Technologies (NASMAT-2006)"	Department of Physics, Shivaji University Kolhapur	January 23-25,2006
2	" Career Opportunities in Science Stream"	Raje Ramrao Mahavidyalaya, Jath.	23rd January 2007
3	"National Seminar On Material Processing and characterization Technique, NS-MPCT-05"	Department of Physics, Shivaji University Kolhapur.	28-29 March 2005
4	"Materials Research Society of India (MRSI-AGM-2007)"	National Physical Laboratory, New Delhi	12-14 Feb 2007
5	"New Horizons in Physics" national seminar on new horizon in physics	Y. C. institute of Science, Satara.	20-21th Jan 2007
6	" Commercialization of renewable Energy Technology (CRET-2009)	D.Y. Patil University, Kolhapur.	2009
7	. "Advances in Synthetic Methodologies and New Materials"	UGC-SAP and DST-FIST sponsored Department of Chemistry, Shivaji University, Kolhapur	21-22nd January 2011
8	"National Seminar on Physics Of Materials Based Device Fabrication"	Department of Physics, Shivaji University, Kolhapur.	February, 17-18, 2011
9	2nd National Conference on Recent Trends in Pure and Applied Sciences.	Internal Quality Assurance Cell Dr. Patangrao Kadam Mahavidyalaya, Sangli.	11 <sup>th</sup> January, 2020
10	1st National Conference on Issues and Challenges in India: Perspectives on Policies and Action	Internal Quality Assurance Cell Dr. Patangrao Kadam Mahavidyalaya, Sangli.	15th February, 2020.
11	First National Conference on Recent	Dr. Patangrao Kadam Mahavidyalaya, Sangli	23rd March, 2019

	Trends in Pure and Applied Sciences (RTPAS-2019)		
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<b>c)</b>	<b>Other (State/University) Conferences/Seminars</b>	:	<i>Please write in descending order.</i>
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Sr.	Theme of the Conference	Organiser	Date(s)
1	One Day Workshop on Revised B.Sc.II CBCS Curriculum of Physics Paper VIII	Department of Physics Rajarshi Chhatrapati Shahu College, Kolhapur.	16th September,2019
2	One Day Workshop on New Changed Syllabus (CBCS) of B.Sc.Part II Physics (Paper V and Paper-VI)	Arts Science and Commerce College, Ramanandnagar (Burli)	23rd August 2019
3	One Day Workshop on New Changed Syllabus (CBCS) of B.Sc.Part II Physics Practical	Department of Physics Yashwantrao Chavan College of Science, Karad.	21st August, 2019
4	Lead College one day Workshop " Granthlayache Badalte Swarup va Vachan Sanskruti"	Dr. Patangrao Kadam Mahavidyalaya, Sangli	16/02/2019

<b>12.</b>	<b>WEBINARS ATTENDED</b>	:	
<b>a)</b>	<b>International Webinars Attended</b>	:	<i>Please write in descending order.</i>

Sr.	Theme of the Webinar	Organiser	Date(s)
1	International E-Conference on Cutting Edge Smart Materials & Nanotechnology (ICCESMN-2020)	Sadguru Gadage Maharaj College, Karad	20th-21st August,2020
2	International Webinar on "Hydrogen: A clean and Flexible Fuel"	Gokak Education Society's Department of Physics (Affiliated to Rani Channamma University, Belagavi ) J. S. S. Arts, Science and Commerce College, Gokak – 591 307	12th August 2021

<b>b)</b>	<b>National Webinars Attended</b>	:	<i>Please write in descending order.</i>
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Sr.	Theme of the Webinar	Organiser	Date(s)
1	Recent Trends in Physics	Arts, Commerce and Science College, Palus In Association with IQAC organized one Day National Webinar.	20/08/ 2020

2	National Online Seminar on "Recent Trends in Materials Research"	Department of Physics Balwant College, Vita	29th July 2020
3	National Webinar on "Learning Physics: Opportunities in Difficulties"	Department of Physics D.B.F. Dayanand College of Arts & Science, Solapur.	26th June 2020
4	COVID-19 Awareness Program	National Service Scheme and Shiv Sahayata Disaster Management Center Shivaji University, Kolhapur	26/04/2020

c) **Other Webinars Attended** : *Please write in descending order.*

Sr.	Theme of the Webinar	Organiser	Date(s)

**13. ORIENTATION/REFRESHER COURSES** : *Please write in descending order.*

Sr.	Name of the Course	Name of the Universit/ASC	Duration
1	Refresher Course in Physics , conducted at the Department of Physics , Shivaji University Kolhapur.	Department of Physics , Shivaji University Kolhapur.	20/11/2001 to 11/12/2001
2	Refresher Course in Physics , conducted at the Department of Physics , University of Mumbai.	Department of Physics , University of Mumbai.	18- 10-2007 to 8-11-2007
3	Refresher course in Physics , conducted at the Department of Physics, University of Pune , Pune	Department of Physics, University of Pune , Pune.	3-3- 2009 to 23-3- 2009
4	Faculty Development Program In Data science. A MHRD Government of India Institute PANDIT MADAN MOHAN MALVIYA NATIONAL MISSION ON TEACHERS AND TEACHING. Organized by Faculty Development Center in Cyber Security and Data Sciences, Shivaji University, Kolhapur hosted by Bharti Vidyapeeth's Dr. Patangrao Kadam	Organized by Faculty Development Center in Cyber Security and Data Sciences, Shivaji University, Kolhapur hosted by Bharti Vidyapeeth's Dr. Patangrao Kadam Mahavidyalaya, Sangli.	24th December- 30th December, 2019 7-Days



	Mahavidyalaya, Sangli.		
5	Teaching Learning Center, Ramanujan College University Of Delhi under the agencies of Ministry Human Resource Development PANDIT MADAN MOHAN MALVIYA NATIONAL MISSION ON TEACHERS AND TEACHING. 2-Week Faculty Development Programme on 'MANAGING ONLINE CLASSES AND CO-CREATING MOOCS 3.0'	Teaching Learning Center, Ramanujan College University Of Delhi under the agencies of Ministry Human Resource Development.	July 25-August 10,2020 16-Days
6	One Week FDP On Faculty Development Centre in Cyber Security and Data Sciences.	A MHRD Government of India Initiative Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching Shivaji University, Kolhapur hosted by Dr. Patangrao Kadam Mahavidyalaya, Sangli.	30th January-5th February, 2019 7-Days
7	Seven day Faculty Development Program on "Post- Covid and Higher Education"	IQAC of Late Sow. Kamaltai Jamkar Mahila Mahavidyalaya, Parbhani.	19/04/2021 to 26/04/2021 8-Days
8	Online Faculty Induction/Orientation Programme.	Ramanujan College, Delhi	18 May -17 June, 2021

**14. ADMINISTRATIVE ASSIGNMENTS** : *Please write in descending order.*

Sr.	Position	Institution	Duration

**15. INVITED LECTURES/KEYNOTE ADDRESSES/SESSION CHAIRS** : *Please write in descending order.*

Sr.	Invited as	Conference /Event	Organisation	Date(s)
1	Resource Person.	New Changed Syllabus (CBCS Pattern) Of B.Sc. III Physics Laboratory Experiments.	Balwant College, Vita.	1st February 2021.
2	Chairperson	New Changed Syllabus (CBCS Pattern) Of B.Sc.	Dr. Patangrao Kadam Mahavidyalaya, Sangli.	12th February

		III Physics Solid State Physics.		2021.
3	Resource Person.	Carrier opportunities in higher Education for B.Sc. Part-III Physics Students.	Balwant College, Vita.	25th April 2019

16. **ASSOCIATION WITH PROFESSIONAL BODIES** : *Please write in descending order.*

Sr.	Position	Name of the Professional Body

17. **KNOWLEDGE EVENTS ORGANISED** : *Please write in descending order.*

Sr.	Title of the Event	Level	Date(s)	Position

18. **ACADEMIC ODYSSEY** : *Please write in descending order.*

a) **Foreign Countries** :

Sr.	Name of the City and Country	Date(s)
1	<b>Taipei , Taiwan</b>	19 - 22 September , 2011

b) **India** :

**Write only the name of the State visited for academic purpose.**

1	Delhi	2		3	
4		5		6	

19. **CONTRIBUTION AS AN EXPERT** : *Please write in descending order.*

Sr.	Position	Organisation	Date(s)
1	BOS Sub committee Member	Physics Department Shivaji University, Kolhapur	28/04/2021
2	BOS Sub	Physics Department Shivaji	25/11/2019

2	committee Member	University, Kolhapur	
3	BOS Sub committee Member	Physics Department Shivaji University, Kolhapur	27/01/2020

<b>20.</b>	<b>AWARDS AND HONOURS</b>	:	<i>Please write in descending order.</i>
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Sr.	Title of the Award	Instituted by	Date

<b>21.</b>	<b>OTHER ACTIVITIES (if any)</b>	:	<i>Please write in descending order.</i>
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<b>Worked as N.S.S. program officer</b>			