

## **CURRICULUM VITÆ**



**Dr. Deepak Bhupal Shirgaonkar**

### **PERMANENT ADDRESS:**

A/P: Nimshirgaon,  
Tal: Shirol, Dist: Kolhapur,  
State: Maharashtra, India.  
Pin Code: 416101  
Mobile: +91 9423053539/9834276527

### **PERSONAL DETAILS:**

Date of Birth: 06/09/ 1980  
Nationality: Indian  
Marital status: Married  
Email: [drdeepakshirgaonkar@gmail.com](mailto:drdeepakshirgaonkar@gmail.com),  
[sdeep53539@gmail.com](mailto:sdeep53539@gmail.com)

## **ACADEMIC RECORD:**

Sr. No.	Exam. Passed	University	Subject	Year of Passing
1.	<b>Ph. D.</b>	Shivaji University	Physics	Jan 2018
2.	M.Phil.	Madurai Kamraj University	Physics	June 2009
3.	M. Sc.	Shivaji University	Physics	May 2004

## **TEACHING EXPERIENCE: 15 YRS.**

1. Assistant Professor:  
Anandibai Raorane Arts, Commerce and Science College,  
Vaibhavwadi.  
From – 09-09-2019 to till date.
2. Assistant Professor:  
Ashokrao Mane Group of Institutions,  
Faculty of Engineering and Management Studies,  
Vathar.  
From - July 2017 to 08-09-2019.
3. Assistant Professor:  
Sanjeevan Engineering and Technology Institute,  
Panhala.  
From - July 2012 to Dec. 2016.
4. Lecturer:  
Rajaram Shinde Institute of Engineering and  
Technology, Pedhambe, Chiplun.  
From - March 2009 to July 2012.
5. Lecturer:  
Shri Panchyam Khemraj Mahavidyalaya, Sawantwadi.  
From - Aug. 2004 to March 2009.

### **INTERNATIONAL/NATIONAL PAPERS IN JOURNALS:**

1. Facile chemical bath deposition method for interconnected nanofibrous polythiophene thin films and their used for highly efficient room temperature NO<sub>2</sub> gas sensor, Sensors and Actuators B: Chemical, 244(2017)522-530, **I.F.: 6.393.**
2. Electrochemical Synthesis of CuS<sub>x</sub>Se<sub>1-x</sub> thin films for supercapacitor application, Journal of Alloys and Compounds, 754(2018)56-63. **I.F.: 4.175.**
3. Antimicrobial efficacy of green synthesized iron oxide nanoparticles, Materials Research Express, 5(2018)075402. **I.F.: 1.449.**
4. Influence of bath temperature on microstructure and NH<sub>3</sub> sensing properties of chemically synthesized CdO thin films, Material Science-Poland, 37(1), (2019)25-32. **I.F.:0.918.**
5. Electrochemical synthesis of nanoplatelets-like CuS<sub>0.2</sub>Se<sub>0.8</sub> thin film for photoluminescence applications, Material Science-Poland, 33(2), (2015)397-401. **I.F.:0.918.**
6. SnO<sub>2</sub> Incorporated Nanofibrous Polythiophene Composite Thin Films for Room Temperature NO<sub>2</sub> sensor, Submission ID: SNB-18-00158.
7. Nanostructured CdO-ZnO nanocomposite thin films for selective Ethanol detection, Submission ID: JOPO-D-17-00403.
8. Effect of Concentration and time deposition of CuS thin film by electrodeposition for supercapacitor application, Journal of Material Science, Ms. Submission ID: JMSC-D-18-06561.

**INTERNATIONAL/NATIONAL CONFERENCE /SEMINAR /  
SYMPOSIUM/WORKSHOPS:**

**INTERNATIONAL:**

1. Paper presented in "**International Conference on Materials and Environmental Science [ICMES-2018]**" entitled "**Study of Concentration of Monomer on Structural and Optical Properties of Polythiophene Thin Films**", organized by Shri Yashwantrao Patil Science College, Solankur and The New College, Kolhapur, Maharashtra on **Dec.7-8, 2018**.
2. Participated in "**International Conference on Advance Materials and its Applications**", Department of Physics, Shivaji University, Kolhapur, Maharashtra, India, **Nov. 15-17, 2007**.
3. Paper presented in "**2<sup>nd</sup> International conference on Physics of Materials and Materials based device fabrication (ICPM-MDF-2014)**" organized by Dept. of Physics, Shivaji University, Kolhapur, Maharashtra, India, **Jan. 13-15, 2014**.

**NATIONAL :**

1. Paper presented in national conference on "**Recent Trends in Materials Research (RTMR-2018)**" entitled "**Study of Optical and Structural Morphology of Chemical Synthesized Polythiophene thin film**", organized by Department of Physics, Yashwantrao Chavan Warna Mahavidyalaya, Warananagar (Maharashtra State) on **Jan. 31<sup>st</sup>, 2018**.
2. Poster presented in "**National Conference on Materials and Environmental Science (NCMES-2017)**", organized by Yashwantrao Patil Science College, Solankur, Kolhapur, held on **Feb. 15<sup>th</sup>, 2017**.
3. Participated in One day Workshop on "**Research Methodology**" Under "**Lead College activity**", Shivaji University Kolhapur, Organised by Civil Engineering Department, Dr. J. J. Magdum College of Engineering, Jaysingpur, Maharashtra on **Oct. 20<sup>th</sup>, 2016**.
4. Participated in UGC Sponsored two day national seminar on "**Role of Research in Improvement of Quality of Teaching and Learning in**

**Higher Education”** organized by Miraj Mahavidyalaya, Miraj, Maharashtra, on **Oct. 09-10, 2015.**

5. Participated in “**3<sup>rd</sup> National Seminar on Physics of Materials and Material Based Device Fabrications**” Department of Physics, Shivaji University, Kolhapur, Maharashtra, **Dec. 19-20, 2014.**
6. Participated in “**2<sup>nd</sup> National Seminar on Physics of Materials and Material Based Device Fabrications**” Department of Physics, Shivaji University, Kolhapur, Maharashtra, **Jan. 04-05, 2013.**
7. Participated in “**National Symposium on Recent Trends in Life Sciences**” Mumbai University and S P K Mahavidyalaya, Sawantwadi, Maharashtra, **Dec. 01-02, 2006.**
8. Participated in “**Workshop on The New Challenges in Higher Education**” S P K Mahavidyalaya, Sawantwadi, Maharashtra, **Oct 06, 2006.**
9. Participated in “**National Symposium on Biotechnology**” S P K Mahavidyalaya, Sawantwadi, Maharashtra, **Feb. 14-15, 2005.**

#### **OTHERS:**

1. Participated in Faculty development program (FDP) on “**Soft computing technique for modeling and optimization in mechanical engineering**” at Department of Mechanical, AMGOI, Vathar on March 13-15, 2019.

#### **MEMBERSHIP:**

1. Approved *Ph.D. Supervisor (guide)* in Physics at *Dr. Babasaheb Ambedkar Technical University*, Lonere, Maharashtra.
2. Member of **Board of Studies** of Physics at *Dr. Babasaheb Ambedkar Technical University*, Lonere, Maharashtra.
3. Member of **Editorial Board** of *Journal of Applied Science and Computations (JASC)*, ISSN No.: 1076-5131.
4. Member of **Editorial Board** of *International Journal of Latest Technology in Engineering, Management and Applied Science (IJLTEMAS)*, ISSN No.: 2278-2540.
5. Member of **Editorial Board** of *International Journal of Ionic Research and Engineering Journals (IRE Journals)*, ISSN No.: 2456-8880.

6. Member of **Editorial Board** of International Journal of *International Research Journal of Innovations in Engineering and Technology* (**IRJIET Journals**), ISSN No.: 2581-3048.
7. Nominated for **National Award “Adarsh Vidya Saraswati Rashtriya Puraskar”** by *Glacier Journal Research foundation*, B-1001, Suryoday Tower, Sathadhar X Road, Nr. H. P. Petrol Pump, Sola Road, Opp. Brts Bus Stop, Ahmedabad-380061 (GUJARAT).
8. Life Member of “*The Indian Society for Technical Education*” (LM-92090).

**DECLARATION:**

To the best of Knowledge, all above given information is true.

Yours Faithfully,



Dr. Deepak Bhupal Shirgaonkar