

# Name: Dhirsing Vaharya Naik

Full Address

At-Sallibar,

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**Corresponding Address:**

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## Personal Information:

Date of Birth : 01/06/1989

Sex : Male

Nationality : Indian

Languages Known : English, Hindi, and Marathi.

Category : ST

## Objective:

I am looking forward to obtain a position in a leading organization where I can apply the knowledge gained through my master degree. I firmly believe in the principle of implementing my duties with dedication and determination. I am looking for good career growth opportunities where my talent and knowledge could be best subjected and utilized for the benefit of the organization and myself.

## Educational Qualifications:

### Academic Qualifications :

<u>Sr.No</u>	<u>Examination</u>	<u>Board/University</u>	<u>Month&amp; year of passing</u>	<u>Percentage/ Div/Grade</u>	<u>Subject</u>
<u>SSC</u>	<u>SSC</u>	<u>Nasik</u>	<u>March-2007</u>	<u>56.76</u>	<u>:</u>
<u>HSC</u>	<u>HSC</u>	<u>Nasik</u>	<u>Feb-2009</u>	<u>56.67</u>	<u>:</u>
<u>B.SC</u>	<u>B.Sc</u>	<u>NMU,Jalgon</u>	<u>April-2012</u>	<u>69.21</u>	<u>physics</u>
<u>M.Sc</u>	<u>M.Sc</u>	<u>NMU,Jalgon</u>	<u>April-2015</u>	<u>65.5</u>	<u>physics</u>
<u>B.Ed</u>	<u>B.Ed</u>	<u>NUM, Jalgon</u>	<u>Dece-2015</u>	<u>48.8</u>	<u>Science/Math</u>

### ❖ Other Qualification:

- CSIR-UGC test for JRF& NET (LS) 18 June 2017.
- Chemistry Ability Test arranged Shri. SVPS. Ghogrey Science College, Dhule

### ❖ Ph.D. on going:

**Guide: Dr. Arote Sandeep Annasaheb**

**Co-Guide: Prof. (Dr.) Sandesh R Jadkar**

- **Centre Name:** - Shikshan Prasarak Sanstha Sangamner Nagrapalika Arts D.J. Malpani Commerce and B.N.Sarad Science College, Addr: Ghulewadi, Ta: Sangamner, Dist- Ahmednagr [CAAA016060].

- ❖ **Title:** - Photoelectrochemical investigation of MoO<sub>3</sub> and its nanocomposite for full cell Application.
- ❖ **Teaching Experience:** Two Year teaching in PSGVP, Mandal's ACS and science college Shahada
- ❖ **Other worked Position:** Working on Photo electrochemical cell. (SSPU, Pune)  
Under the (Prof. S.R. Jadkar & Dr. Habib Pathan Sir). only Two year
- ❖ **Current Working Position:** I have permanent position as Assistant Professor, Department of Physics, Jijamata College of Science & Arts Dnyaneshwarnager Bhende (BK), Tal. -Newasa, Dist.- Ahmednagar 414605.

### ❖ PUBLICATION Articles and Book

1. "(400)-Oriented indium tin oxide thin films with high mobility and figure of merit prepared by radio frequency magnetron sputtering." *Thin Solid Films* 704 (2020): 137972.
2. "Probing the effect of selenium substitution in kesterite-Cu<sub>2</sub>ZnSnS<sub>4</sub> nanocrystals prepared by hot injection method." *Journal of Materials Science: Materials in Electronics* 30.15 (2019): 14781-14790.
3. Solvothermal Growth of PbBi<sub>2</sub>Se<sub>4</sub> Nano-Flowers: A Material for Humidity Sensor and Photodetector Applications." *physica status solidi (a), Material chemistry* 216.11 (2019): 1900065.
4. Probing the effect of selenium substitution in Kesterite-Cu<sub>2</sub>ZnSnS<sub>4</sub> nanocrystals prepared by hot injection methods. *Journal of Materials Science: Materials in Electronics* 30.15 (2020): 14781-14790.
5. Room temperature synthesis of transparent and conducting indium tin oxide film with high mobility and figure of merit by RF- magnetron Sputtering. *Journal of Electronic Materials* 48.7192-7202
6. Excellent response and recovering time of photo-detectors based on Nc-Si:H film grown by using hot wire method. *ES Materials & Manufacturing* 5, 57-64.
7. 'Influence of Al<sup>3+</sup> substitution on the Structural, elastics, Mechanical properties and, Morphology of Nanocrystalline Cd-Co Ferrites. (Feb-2021) Impact factors :5.2 ISSN 2349-5138 volume 9 issue 1

### ❖ Project Work in Academic Year:

- 1) Synthesis and Characterization of CdS by chemical bath deposition and their property application (M. Sc).
- 2) Synthesis and Characterization of ZnO by SILAR method and their property application (B. Sc).

### ❖ Conferences participate and Workshop:

- 1) Raman Memorial conference "Unraveling Physics of Advanced Material" at the department of physics, SSPU, Pune, Year-2018.
- 2) Raman Memorial conference "Physics 2D Material theory and application" at the department of physics, SSPU, Pune, Year-2019.
- 3) Research Methodology Organized by Science forum PSGVP, Mandal's ACS and science college Shahada.

- 4) Two days State level workshop on “Functional material” (Hands and Training), at the Arts, Science and Comm. college Baramati, Pune.
- 5) Multi-Scale Modeling and Simulation on one week (at COEP, pune).
- 6) 20 National space Science Symposium has participated as Volunteer at SPPU, IUCAA, NCRAISRO January-2019
- 7) Energy, sustainability, and New Materials” 5 oct 2021 Organized by Department of physics and electronics at S. M. Joshi College Hadapsar, Pune-28
- 8) Syllabus Framing for F.Y.B.Sc PHYSICS 26/09/2023 ( As per NEP 2020) at Hon. Babasaheb Jadhav Arts, Commerce, & Science college ale , Dist-pune .

#### ❖ Faculty Development Program: -

- 1) **Orientation: - 04- Week induction** from 04 June-01 July, 2020 at MHRD, Pandit Madan Mohon Malavi national mission on teachers and training Centre Ramanujan College University of Delhi
- 2) **Faculty Development Program FDP: - 02- Week induction** from 02 July-17 July, 2020 at MHRD, Pandit Madan Mohon Malavi national mission on teachers and training Centre Ramanujan College University of Delhi.
- 3) **Faculty Development Program FDP: - 01- Week induction** from 25 May-27 May, 2020 at MHRD, Pimpri Chinchwad Education Trust’s (PCET), College of Engineering (PCCOE, Nigdi), Pune.
- 4) **“Python Programming for Academic Project”** from **14/08/2023 to 25/08/2023** conducted by Government College (Autonomous) Raishmundry and A2Z Edu Lerninghub LLP, East Godavary District, Andhra Pradesh, with Kerala, India.

5)

#### ❖ Program Activity Certificates: -

- 1) **Webinar: -** Introduction of FEA based electrostatics simulation using FEMM” by KVNNSP Sanstha of LGM institute of engineering education and research Centre Nashik, Date: 30 may -20220.
- 2) COVID-19 GENERAL AWARENESS CUM SURVEY” conducted by Department of commerce and NSS, Baburaoji Adaskar Mahavidyalaya Kaji Maharashtra India.
- 3) National Level Quiz on “Basic Electronics Engineering” by the department of first year Engineering, AISSMS College of Engineering, Pune on 10 June 2020.
- 4) E-Quiz on “Environmental Awareness” by V. H. College of Education, Nashik on the occasions of “world Environment Day” celebration on 5<sup>th</sup> June-2020
- 5) “Future opportunities & Challenges amidst Covid-19 for Graduates” by SIPNA College of Engineering and Technology Amravati 9-6-2020.
- 6) National Level Career Orientation Webinar on Digital Marketing” Dhister Company Skill Indian . 19/08/2023

#### ❖ SOFTWARE USE

- 1) Origin software 6.91 -2015 year.
- 2) Vest software.
- 3) Fullprof Rietveld simulation software.
- 4) Match Software.

- 5) JCPDS cad Number Software.
- 6) High X, perts software.
- 7) UV-visible spectroscopy Hand on training
- 8) FTIR spectroscopy Hand on training

***Skills:***

- Highly adopt training condition, fast learner.
- Systematic analysis, creative thinking.
- Excellent working hours work.
- Good Knowledge of menu planning and design

***Interests:***

Cricket  
Khobadi  
Cooking.

**I hereby declare that the information furnished above is true to the best of my knowledge.**

**DATE: -     /     /2019**

**Place: - Pune**