

## Curriculum Vitae

### NILESH BHANUDAS RAUT

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#### Phone No.:

**Mob:**  
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#### Present Address:

B-507,119A, Jai Sambhav LK Planet, Sector-6, Karanjade, Panvel Pin:-410206.

#### Personal Data:

**Date of Birth:**  
30/03/1984

**Sex:** Male

**Nationality:**  
Indian

**Marital Status:**  
Married

**Languages:**  
English, Hindi, Marathi.

**Hobbies & Interests :**  
Playing Cricket, reading books, Trying innovative things.

#### Objective

Seeking a position to utilize my skills and abilities in the field of Physics that offers a platform to prove my potential with appropriate experience and knowledge.

#### Software Proficiency

WINDOWS 10, Microsoft Word, Microsoft Excel, Microsoft PowerPoint

#### Educational Qualification:

Exam	Board/ University	Year	Percentage
Ph.D (Physics)	Mumbai University	2019	Pursuing
SET (Physics)	Conducted by SPPU on behalf of UGC	2016	56.57%
M.Sc. (Solid State Electronics)	Mumbai University	2007	60.40%
B.Sc.(Physics)	Mumbai University	2004	56.00%
H.S.C.	Maharashtra State Board	2001	54.50%

#### Other Qualification:

- MS-CIT: "O" Grade
- Intermediate Drawing Grade Exam: "B" Grade.

#### Strengths

- Adaptable and Fast Learner.
- Result oriented and Self Motivator.
- Team player as well as individual performer.
- Devoted to work. Open to positive and innovative changes.

### Conference Attended :

- Paper presented on 'LASER in Surface engineering-An Overview' in a National Conference: **Tech Streams- a flow of initiatives and innovations**' held by Pillai HOC college of Engineering and Technology' **ISBN NO. 978-81-923914-0-3**) held on 21 & 22 Feb 2014
- Attended an International conference ICAER in IITB held between 15-17 Dec 2015.

### Seminar and Workshops Attended:

- Participated in One day national seminar on "Explore Physics" on 23<sup>rd</sup> Nov 2013 held in CKT College, Panvel
- Attended a TWO DAY Workshop on "Co-relation of Applied Sciences with Biotechnology" at PCCOE, Pune.
- Secured 'O' grade in one week National Workshop on "Research Methods and Techniques" organized by Ramanand Arya DAV College, Bhandup in May 2020.
- Completed a Hands On Workshop on "Effective and Efficient Online Teaching in the age of Corona" from IITB under PMMMNMTT scheme of MHRD in May 2020
- Completed a Hands On Workshop on "The Bodhi tree and SAFE Tools for Effective Online Teaching" from IITB under PMMMNMTT scheme of MHRD in June 2020

### STTP, FDP, STC and Orientation Program Attended:

- Participated actively and completed successfully " TWO WEEK ISTE-STTP on Engineering Physics " organized by IITB-NMEICT, held at PIIT, Panvel in DEC-2015
- Attended an Orientation Program in DBIT, Kurla in July 2016 for Revised Syllabus of CBCGS scheme for Applied Physics- I & II.
- Participated in "ONE-WEEK STTP on Recent advancement in Renewable energy Sources" organized by Mechanical department, PHCET, Rasayani.
- Participated actively and completed successfully "A FOUR WEEK STTP on PEDAGOGY FOR ONLINE AND BLENDED TEACHING LEARNING PROCESS" organized by IITB, held at PIIT, Panvel in APRIL-MAY – 2018
- Successfully completed 8 Week Online NPTEL COURSE in "Solar Photovoltaic Fundamentals, Technology and Applications" from IIT Roorkee.
- Successfully completed One week ONLINE SHORT TERM COURSE on "Research Methodology in Basic Sciences" organized by hrdc cell, University of Mumbai, conducted by Jhunjhunwala College, Ghatkopar.
- Successfully completed THREE Coursera courses related to the Research Topic i.e. Solar PV

- Completed One Week FDP on “Assessment and Evaluation in Higher Education” organized by CREATES, Bhopal under PMMMNMTT scheme of MHRD in September 2020
- Completed Three Day Online Workshop on “Evidence based Teaching-Learning strategies” organized by CREATES, Bhopal under PMMMNMTT scheme of MHRD, in June 2020.

### **Publications:**

- Presented a paper “Novel Materials for selected Solar Cell Technologies and their flexible aspect” in a National e-Conference on Advanced Materials and Applications organized by MPCOE, Velneshwar.
- Presented a paper “Factors affecting the performance of rear surface of bifacial panels and efficiency improvement using reflectors:A review” in the International e-Conference on Global Issues in Multidisciplinary Academic Research organized by IARA in association with Rajbhat Maha Sarkham University, Thailand

### **Achivements and Grants Received:**

- Cleared **SET exam in Physics held** on 30<sup>th</sup> May 2016 by SPPU on behalf of UGC.
- Received a grant of Rs. 40000/- for Minor Research Project (MRP) from University of Mumbai entitled “**Automatic Load switching depending on availability of Sunlight for controlled Home Energy Consumption**”

### **Work Experience:**

- Working as an Assistant Professor in PHCET, Rasayani from July 2013
- Worked as a Lecturer in Veermata Jeejabai Technological Institute (V.J.T.I.), Matunga in the academic year 2012-13.
- Worked as an Assistant Professor in G.M. Vedak Institute of Technology, Tala, Raigad, from August 2011 to June 2012.
- Worked as Lecturer in Veermata Jeejabai Technological Institute (V.J.T.I.), Matunga in the academic year 2010-11.
- Worked as a Lecturer in Thakur Polytechnic, Kandivali (E) from July 2008 to July 2010.
- Worked as Asst. Teacher in Oxford Public School, Kandivali (W), in the year 2007-08.

**Declaration:**

I hereby declare that the information furnished above is correct up to my knowledge and I bear the responsibility for the correctness of particulars mentioned above.



(Mr. Nilesh B. Raut)