



## Prof. VIVEK KHUSHAL CHAUDHARI

HOD, Department of Engineering Sciences (FE)



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### OVERVIEW:

**Qualifications:** M. Sc. (Physics), B. Sc. (Electronics)  
**Experience:** Teaching -31 years  
**Date of Joining STES:** 17/09/1993  
**Skills and Proficiencies:** General, Admission Counsellor, Google Sheets, Google Docs

### SIGNIFICANT ACHIEVEMENTS:

- Outstanding performance certificate by Principal, Sinhgad College of Engineering for the A. Y. 2004-05 and 2007-08
- Felicitation by Hon. Prof. M. N. Navale, Founder President, STES for continuous service and outstanding contribution as a teacher on 12<sup>th</sup> August 2013, 20<sup>th</sup> Foundation day of STES.
- Developed a complete online department level ERP system based on Google Drive for management of First Year Engineering Department of SCOE.

### AREA OF EXPERTISE /RESEARCH INTERESTS:

- Engineering and Applied Physics, Dye Sensitized Solar Cells

### RESEARCH PULICATIONS:

#### Publication Summary:

- Conference: 01
- National: 01  
[https://scholar.google.com/citations?view\\_op=list\\_works&hl=en&hl=en&user=VkeQfmcAAAJ](https://scholar.google.com/citations?view_op=list_works&hl=en&hl=en&user=VkeQfmcAAAJ)

### RESEARCH WORK:

- Worked as a research student (Ph. D. Student) in Department of Physics, SPPU on Hot Filament Chemical Vapour Deposition (HFCVD) system form July 2002 to Feb 2005, In C-MET, Pune on Dye Sensitized Solar Cells from Nov 2012 to March 2014.

### **RESOURCE PERSON TO INDUSTRY/ACADEMIA:**

- Delivered expert lectures in Train the Trainer Program of Engineering Physics and Project Based Learning conducted during 2012 to 2020.
- Engineering Physics syllabus framing core committee member for 2012, 2015, 2019 and 2024 courses of Savitribai Phule Pune University and expert talk in syllabus implementation workshops at AISSMS college of Engineering Pune, PVG College of Engineering Pune, PCCOET Ravet Pune and MMIT Lohegaon Pune respectively.
- Resource Person for one day workshop on dashboard making and Google sheets at Sinhgad College of Engineering for Teaching and Non-teaching staff.

### **SUBJECTS TAUGHT:**

- Applied Physics
- Engineering Physics
- Electronics Devices and Circuits-I

### **FDP/STTP/SDP/WORKSHOPS ORGANIZED AS A COORDINATOR:**

- Train the Trainer (TTT) Program in January 2020 for Engineering Physics, Engineering Mechanics and Project Based Learning for Engineering Colleges under STES.
- A four days' workshop EN-PHYSICS funded by BCUD & UGC SPPU during 20/12/2006 to 23/12/2006.

### **CONFERENCES ATTENDED:**

- Raman Memorial Conference for Research students organized by Dept. of Physics, Univ. of Pune from 27<sup>th</sup> to 28<sup>th</sup> Feb. 2003 = 2 Days
- Second National Symposium on Pulsed Laser Deposition of Thin Films (PLD 2003) organized by Dept. of Physics, Univ. of Pune from 14<sup>th</sup> to 15<sup>th</sup> Nov. 2003

### **FDP/STTP/SDP ATTENDED:**

- TEQIP/AICTE/ISTE/IETE sponsored FDP - 07
- Refresher Courses sponsored by SPPU -02
- Others - 05

### **RESPONSIBILITIES HANDLED AT STES/SCOE/DEPT:**

#### **Society Level**

- Working as Institute Coordinator (IC) for STES Mission Admission Program from 2020. Working as a member in OMS Mission Admission from 2017.
- Worked as a Member of the committee for monitoring and validation of admission centers to be established in each college under STES in May 2024.
- Organized Train the Trainer (TTT) Program in January 2020 for Engineering Physics, Engineering Mechanics and Project Based Learning for Engineering Colleges under STES.
- Worked as member of Admission Committee for Sou. Venutai Chavan Polytechnic from 1995 to 2000.

#### **Institute Level (SCOE)**

- Member, Anti-ragging Committee & Anti-ragging Squad from 2015.
- Member, Grievance Redressal Committee for Students from 2017
- Admission Committee Coordinator/Member from 2001, Admission Cell Coordinator from 2018.

- Worked as DTE/CET Cell ARC (FC) Coordinator from 2005 to 2013.
- Worked as FE Coordinator from June 2012 to December 2015.
- Working as a Head of the Engineering Science (FE) Department From Dec 2015

**Department Level (Engineering Science & FE)**

- In-charge, Time Table committee from 2009 to 2012.
- Engineering Physics Laboratory In-charge from 2002 to 2009.

**DECLARATION:**

I hereby declare that all the above information furnished by me are true to the best of my knowledge.

Date: 10 /12 / 2024