

## Personal Profile

Name:

**Dr. Sachin Vitthalrao Mukhamale**

Qualification:

(M.Sc., M.Phil., Ph.D., SET.)

Designation:

Assistant Professor and Head

Department:

Physics

Mobile No:

9146134357

Personal

Website:

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E-Mail:

[sachindanand@gmail.com](mailto:sachindanand@gmail.com)



### Teaching Experience:

**09 Years**

Material Science, nanotechnology, Quantum Mechanics, Solid state Physics, Nuclear Physics, Electronics, Method in Experimental Physics and Applied Physics

Teaching Expertise:

<https://www.youtube.com/watch?v=w6wcfEAh5OA>

E-Content Channel:

<https://www.youtube.com/watch?v=QLd0GEIT1u8>

<https://www.youtube.com/watch?v=ZdJQv6NcMEs&t=2035s>

<https://www.youtube.com/watch?v=tYc1D5Kdvhw>

<https://www.youtube.com/watch?v=7v6nttq1yvA&t=1097s>

<https://www.youtube.com/watch?v=qK4keJYCwP4>

<https://www.youtube.com/watch?v=w6wcfEAh5OA&t=116s>

[https://www.youtube.com/watch?v=NdupE64\\_6c](https://www.youtube.com/watch?v=NdupE64_6c)

<https://www.youtube.com/watch?v=R0UkTnxMBmw>

[https://www.youtube.com/watch?v=SQ\\_kziqnDKs&t=4s](https://www.youtube.com/watch?v=SQ_kziqnDKs&t=4s)

<https://www.youtube.com/watch?v=wiRvLgb6-Ok>

<https://www.youtube.com/watch?v=4BjsUkTBhYM>

### Research Experience:

**12 Years**

Thin films Solar cell, Applied Physics and Semiconducting material & Their Device Application

Area of Research:  
Research Platform links:

• **GoogleScholar:** <https://scholar.google.co.in/citations?user=rCuv-AAJ&hl=en>

• **Reserch Gate :** <https://www.researchgate.net/profile/Sachin-Mukhamale>

• **Linkedin:** <https://in.linkedin.com/in/sachin-mukhamale-06a10949>

• **Orchid:** <https://orcid.org/0000-0001-5105-7013>

• **Urban Pro:** <https://www.urbanpro.com/pune/sachin-mukhamale>

• **Scopus:**

• NSS Programme Officer (2019-2022), (UG) SPMM Nandura (Rly.) Dist Buldana.

• UBA Co-ordinator (2019-2022), (UG) SPMM Nandura (Rly.) Dist Buldana.

• NAAC, Cri-III In-charge, SPMM Nandura (Rly.) Dist. Buldana.

• Student Development Cell Counsellor (UG) (2020-2022) SPMM Nandura (Rly.) Dist Buldana

• Head, Department of Physics, (Full Time) UG- (2020-2022) SPMM Nandura (Rly.) Dist Buldana

• Head of In-charge of Computer Science UG- (2019-2022) SPMM Nandura (Rly.) Dist Buldana

• Assistant Professor (Ad-hoc / Consolidated), Department of Physics, (PG) Kalina Campus Mumbai University, (2019-2020).

• Assistant Professor (Ad-hoc / Consolidated), Department of Physics, (UG and PG) Haribhai. V. Desai College Pune, (2018-2019).

• Assistant Professor (Ad-hoc / Consolidated), Department of Physics, (PG) Annsaheb Magar College Pune, (2015-2016), (2014-2015) and (2013-2014).

Positions Held:

- Demonstrator, Department of Physics, Jointly Project on Savitribai Phule Pune University, Pune and L.G. Electronics. Hanyang University, South Korea.
- Business Entrepreneur, Suraj Lonawala Chikki, Pune. (2015-2022...)

**Academic  
Contribution:**

**Events organized:**

**Courses organized:** COC: 02, **National Conference:** 02. (Organising Member)  
**Invited Talks: 02. NSS Programme-** 40 (2019-2020), -75 (2020-2021), -60 (2021-2022) **Department of Physics Programme** -15 (2019-2020), -16(2020-2021), 20-(2021-2022).

**Books/Articles Chapter Published:** 02

**Life Member of Indian Association of Physics Teachers** (13387 L8430),

**Research  
Contribution:**

**Recognized as Research Guide:** Nil

**Research Publications: Published**– 09; Presented - 02

**Research Guidance: Awarded:** PhD – 00, M. Sc. – 30;

**Presently Working Students:** PhD – 00, M.Sc. – 02

**Research / Consultancy Projects:** Major: Nil, Minor – Nil.

**Life Member of Indian Association of Physics Teachers** (13425 L8465).

**Abroad Visits for Research Paper Presentation:** 01 DUBAI

**Other  
Significant  
Contributions:**

Activities Conducted: National Science Day Programme

Any Other:

**MOU  
Coordinator:**

- Warvat Bakal
- Pimple Gao Kale
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