

CURRICULUM VITAE

Name: Gaikwad Avinash Ramkishan

(Assistant Professor, Department of Physics)

College: Vivekanand College, Kolhapur (Empowered Autonomous)

Qualification: M.Sc. (Physics), B. Ed, B.J., SET, GATE, Ph. D (Pursuing)

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Temporary Address: "ASARA" 250/B Plot no.40 Near Hotel Patlacha Wada,
Nagala Park, Kolhapur-416002

Permanent Address: AT Kalka, Post Bori (BK) Tq. Kandhar Dist. Nanded, 431714.

Date of Birth : 01 June 1993 **Marital Status :** Unmarried **Nationality :** Indian

Languages Known : English, Marathi, and Hindi.



Academic Profile

- **Pursuing Ph.D. in Physics**, From SRTMUN University Nanded, Maharashtra. Under Guidance of **Dr. R. S. Kawale**.
- Qualified in the **State Eligibility Test (SET)** examination held for eligibility of Assistant professor in College of Maharashtra State.
- Qualified in the **GATE** with Gate Score: 410 (IIT Madras) **National** level Examination in 2019.
- **M.Sc. (Physics)** from the University of SRTMUN in 2016 with First Class (**69.56%**) (NES Science College Nanded).
- **B.Sc. (Physics, Chemistry, Electronics.)** from the University of SRTMUN in 2014 with First Class. (**76.87%**) (Shree Shivaji College, Kandhar)
- **B. Ed (Science, Math)** in 2020 with First Class (**75.95%**) From S.R.T. Adhyapak Vidyalaya, Kandhar.
- **H.S.C. in Science** from Maharashtra State Board held in 2011 with Grade II. (**51.83%**).
- **S.S.C.** from Maharashtra State Board held in 2009 with Grade I. (**84.16%**).

MOOC- NPTEL/SWAYAM/Certification Courses

- *Nuclear and Particle Physics Indian Institute of technology (IIT) Guwahati*. NPTEL AICTE 25 July 2022 to 14 Oct. 2022.
- *Classical Mechanics - 1 Indian institute of technology (IIT) Kanpur*. 26 Jan. 2021- 25 April 2021.
- '*NEP 2020 Orientation and sensitization programme*' Organised by **IISER Pune**, from April 18, 2024 to April 26, 2024.

Teaching Experience

- Yeshwant Mahavidhyalaya, Nanded (Assistant Professor On CHB) From **Jun-2017** to **May-2023**.
- Vivekanand College, Kolhapur (*Empowered Autonomous*) Working as a Assistant Professor (Full time permanent faculty) **14 March 2024** to **Till Date**.

Subject taught:

- Electrodynamics, Quantum mechanics, Atomic and Molecular physics, Electronics, Wave and Oscillation.

Honours and Awards

- Recipient of Chhatrapati Shahu Maharaj **National Research Fellowship-2021** from SARTHI, an Autonomous Institute of Govt. of Maharashtra w.e.f 01/01/2022.
- Selection as **Junior Research Fellow for the ISRO RESPOND – Project** entitled - ‘Theoretical and Observation Study of Polycyclic Aromatic Hydrocarbons (PAHs) at different temperature.’(Jan.2020)

Research Paper Published

- *Nanostructured Cobalt Zinc Ferrite Thin Films For Gas Sensor Application.* (Journal Name: International journal of creative research thoughts (IJCRT), Article Published Year-2023, Page Number a808-aa816).
- *Synthesis of Cr³⁺+Co-Substituted Nickel Ferrite Nanoparticles from Sol-gel Method.*(Journal Name International Journal of Scientific Research in Science and Technology (IJSRST). Article Published Year- 2023, Page Number: 378-380).
- *Structural and optical properties of pure and copper doped zinc oxide thin films.* (Journal Name: International Journal of current science (IJCSPUB). Article Published Year-2023, Page Number: 853-858).

Participation in conference, workshop,webinar

International

- **108th The Indian Science Congress International Conference** at R.T.M. University Nagpur. Between 03 Jan 2023 to 07 Jan 2023. Organized by Ministry of Science & Technology, Government of India.
- **International Conference on Advancement in renewable Energy (ICARE-2020)** held at SRTM University, Nanded, Maharashtra, India, Between 11 Jan.2023 to 13 Jan 2023. Organized by School of Physical Sciences, Swami Ramanand Teerth Marathwada University, Nanded.

National

- **“The Role of National Education Policy in the Re- Accreditation Framework of Higher Education”** Seminar Organized by Internal Quality Assurance Cell (IQAC) Yeshwant Mahavidhyalaya, Nanded on date of 23 May 2022.
- **‘Yashwant learning Management System’ (YLMS-22) workshop** Organised by Yeshwant Mahavidhyalaya, Nanded Between 30 Aug 2022 to 10 Sept 2022.
- **“Innovative and Creative Approaches in Teaching- Learning with Technology”** Workshop On date of 12th October 2019. Organized by Department of Electronics & Internal Quality Assurance Cell of Yeshwant Mahavidhyalaya, Nanded.
- **“Research Integrity and Prevention of Plagiarism”** Seminar on date of 19 March 2024 Organized By Anandibai Raorane Arts, Commerce and Science College, Vaibhav wadi, Intellectual Property Right (IPR) Cell in Collaboration with IQAC.

Commitees & Member

- Member of Board of Studies (**BOS**) in Physics committee under faculty of Science and Technology, Vivekanand College, Kolhapur (2024-25).
- Member of **Science Association** committee in Vivekanand College, Kolhapur (2024-25).
- Member of **ABC-ID** committee in Vivekanand College, Kolhapur (2024-25).
- Member of **Admission committee (B.Sc-I)** in Vivekanand College, Kolhapur (2024-25).
- Member of ‘ **Vivekanand innovation and Incubation Centre**’ in Vivekanand College, Kolhapur (2024-25).

Presentations /(Talks)

- **SET, NET Workshop** at school of Physical Sciences, Punyashlok Ahilyadevi Holkar Solapur University, Solapur. 24 March 2023.
Invitation to guide post graduate students about structure of NET, SET exam and also discussed question of previous NET, SET examinations.
- **“शिवराय समजून घेताना”** at Nanded Education Society Science College, Nanded. 27 Feb. 2020.
Shivaji Maharaj Birth’s anniversary speech was organised to make the students aware of the history and create the future from history.
- **“SHIV-CHARITRA”** at Gramin Polytechnic college, Vishnupuri. 21/02/2017. The program arrange on SHIV-CHARITRA for students to provide something extra special information regarding Chatrapati Shivaji Maharaj.

Participated & Winner

- Participated in “Swacchta Mitra Elocution Contest 2016-17 Organized by WSSO Maharashtra by Swachh Bharat Mission, India” at Aurangabad, and I got the Encouragement prize.
- Got the first prize in “Marathwadyacha Yuvavakta” Elocution Contest organized by Bhanudasrao chavhan Pratishthan at Science College, Nanded.
- Participated in **State level** Elocution Contest at Vidhya Bharati Mahavidhyalaya, camp Amravati and secured **first prize**. (Sept.2016)
- Participated in **State level** Elocution Contest at Vidhya Bharati Mahavidhyalaya, camp Amravati. (Sept 2017)
- Participated in **State level** Elocution Contest at Yashwantrao Chavan Pratisthan, Mumbai and got Encouragement Prize. (Jan.2017)
- Participated in youth Festival and secured **Ist prize** in Debate competition in NES Science College, Nanded. (Jan 2015).
- Participated in Youth Festival and secured **Ist prize** in Poem competition in NES Science College, Nanded(Jan 2015)
- Participated in Essay Competition and got **first prize**. Competition organized by Navodit Sahitya Sanskuti Mandal Kandhar.(Jan 2013)
- Participated in Elocution Contest ‘Swacchta Mitra’ Organized by WSSO Maharashtra by Swach Bharat Mission, India” at ZP Nanded. Got **First Prize**. (2016-2017)
- Participated in Elocution Contest ‘Swacchta Mitra’ Organized by WSSO Maharashtra by Swach Bharat Mission, India” at Panchayat sameeti Kandhar. And got **First Prize** (2017-2018)
- Participated in Poetry and Elocution Contest at SRTMUN **Surbhi-2012** Youth Festival, Aditya college of computer science and food technology college dist. Parbhani. (2012-2013)
- Participated in Poetry and Elocution Contest at SRTMUN **Shivneri-2013** Youth Festival at Maharashtra Mahavidhyalaya, Nilanga (2013-2014)
- Participated in Poetry and Elocution Contest at SRTMUN **Sahayog-2014** Youth Festival at Indira college of Pharmacy, VishnuPuri, Nanded (2014-2015)
- Participated in Elocution Contest **“Marathwadyacha Yuva-Vakta”** and got Prize in 2014 - *First Prize*, 2015 - *Third prize*, 2016 - *First prize*, 2018 - *First Prize*.
- Participated in Youth Festival Elocution Competition at Shivaji college Kandhar and got **First Prize**. (Feb.2014)
- Participated in Essay Competition at Shivaji college Kandhar and got **Second Prize** (July 2014).
- Participated in Blood donation camp (April 2020).

Extra Curricular activities

- Conducted IIT JAM guidance classes for B. Sc Physics students in Yeshwant Mahavidhyalaya, Nanded campus.

- Provide special coaching For PG Students of competitive exam. like CSIR-NET, GATE, JEST, SET (MH) from (2018-2023) on offline and online platform.
- Worked as Invigilator, Examiner and Moderator During SRTMUN Semester Exam.
- English Type-Writing: 30 WPM, B-grade.
- MS-CIT: 54%, January 2004 (Self-study mode).

Contribution to community welfare schemes:

- Guidance to HSC students of my village for their further study and Career.
- Weekly Guide and resolve the difficulties related syllabus of physics for those students who are doing preparation of NEET, JEE & CET Exams.
- Great persons in social movements and educational contexts have given speeches from time to time which will bring positive changes in the society.

References:

❖ **Dr. Sanjay S. Latthe**

Assistant Professor, JSPS Fellow,
Department of Physics, Vivekanand College (Autonomous),
Kolhapur, C.S.No.2130 "E" Ward, Tarabai Park, Kolhapur - 416 003,
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❖ **Dr. Ravi Sopan Kawale**

(Assistant professor, DSM's Arts, commerce and science college jintur.)
Email: ravi.kawale1972@gmail.com
Mo.No.9545231648.

DECLARATION: I hereby declare that the information furnished above in true to the best of knowledge.

Date :

Place : Maharashtra (India)

Your faithfully

Avinash R. Gaikwad