

## CURRICULUM VITAE

**Name:** Miss. Akanksha Arun Ghumare

**Designation:** Academic Coordinator (Physics) (Assistant Professor Level)

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**Education:** M.Sc. Physics SET (Physical Science)



MH-SET (State Eligibility Test)	Year of Passing: 2024 Specialization: Physical Science
Master of Physics	University: Savitribai Phule Pune University Discipline: Physics Year of Passing: 2025 Dissertation Topic: Structural Properties of Co-doped Zinc Titanate Synthesised using mechanochemical Solid state reaction.
Bachelor of Science	University: Savitribai Phule Pune University Discipline: Science Specialization: Physics Year of Passing: 2023

### Work Experience:

Position held	Name of the Organization / Institution	Duration			Responsibilities Performed
		From	To	Years	
Apprenticeship Trainee	Defence Research & Development Organization (DRDO) (Advanced Centre for Energetic Materials), Nashik	July 2024	July 2025	1 year	Hands-on experience in Radiographic Testing (RT) techniques for internal defect. Detection in NDT (Non-Destructive Testing) Division.
Academic Coordinator (Physics) Assistant	School of Sciences Yashwantrao Chavan	01 July 2025	Till Date	Till Date	<ul style="list-style-type: none"> <li>➤ Contributing as a Programme Coordinator:</li> </ul> <p>1. V92: B.Sc. (Physics, Chemistry,</p>

Professor Level	Maharashtra Open University Nashik			<p><b>Maths) {2015 Pattern}</b></p> <p><b>2. V141: M.Sc. (Physics) {2022 Pattern}</b></p> <p><b>3. V153: M.Sc. (Physics) {2023 Pattern}</b></p> <p><b>4. UGV01:B.Sc. (Honours) (Physics) {2025 Pattern}</b></p> <ul style="list-style-type: none"> <li>➤ Worked as Paper Editor and Evaluator for Programme (V92, V131, V153, UGG02 &amp; UG G02).</li> <li>➤ Conducted Counseling sessions on SECS101 for programme UGV06: B.Sc. (Honours) (Environmental Science) {2025 Pattern }</li> <li>➤ Member of organizing team of Nature Photography competition on World Conservation Day 2025 held on 28th June 2025</li> <li>➤ Assisted in various administrative activities of the school (UGV01 Programme definition, syllabus file LSC mapping for UG programme, etc)</li> <li>➤ Performed responsibilities as a committee member for 31st Convocation Ceremony 2026</li> <li>➤ Recorded an audio-visual advertisement for the V137: Diploma in Statistics of School of Sciences through AVC at YCMOU</li> </ul>
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### **Awards and Achievements:**

1.	<b>Achieved 3rd Rank in an International Research Project Competition on Recent Advances in Energy Harvesting and Applications (RAEHA-2025)</b> Topic: [Structural Properties of Co-doped Zinc Titanate Synthesised using mechanochemical Solid state reaction]
2..	<b>Apprenticeship Completion Certificate from DRDO-ACEM</b>
3.	<b>Centre Topper Certificate of National Graduate Physics Examination (NGPE)</b>

### **Workshop & Conferences Attended:**

1.	Successfully Completed the FDP on NEP Orientation & Sensitization Programme organized by Malaviya Mission Teacher Training Programme (MMTTP), University Grants Commission (UGC) organized by UGC-Malaviya Mission Teacher Training Centre and Central University of Gujarat, Gujarat to be held on 08th December 2025 to 16th December 2025.
2.	Participated in a One-Day Workshop on “How to Write a Research Proposal to Secure Funding from ICSSR”, organized by Prof. Ram Takwale Research & Development Centre, 1 December 2025.
3.	Participated in a One-Day Workshop on “Right to Information Act 2005”, 28 November 2024.
4.	Participated in Two Days National Conference on “Research Visibility, Ethical Publishing and use of AI tools in Research” organized by Prof. Ram Takwale Research & Knowledge Resource Centre, YCMOU on 19th and 20th November 2025
5.	Participated in Online State level workshop on “भारतीय संविधानाची ७५ वर्ष” organized by डॉ. बाबासाहेब आंबेडकर अध्यासन केंद्र, YCMOU on 26th November 2025.
6.	Participated in workshop on “Place Based Education in Higher Education” organized by Prof. Ram Takwale Research & Knowledge Resource Centre, YCMOU on 10th November 2025
7.	Participated in workshop on “Gender Sensitization” organized by Internal Complaints Committee, YCMOU on 26th September 2025
8.	Participated in a One-Day Workshop on “Use of AI in Day-to-Day Work & Research”,

	organized by Prof. Ram Takwale Research & Development Centre, 23 August 2025.
9.	Participated in workshop on “Online Course Development” organized by School of Digital Education, YCMOU on 30th July 2025
10.	Participated in a One-Day Workshop on “Reading for Researchers”, organized by Prof. Ram Takwale Research & Development Centre, 4 July 2025.
11.	Participated in 2 days workshop on “Data Analysis” organized by School of Digital Education, YCMOU on 2nd & 3rd July 2025

#### **Other Activities:**

1.	Delivered radio podcast on “भारताचा अंतराळ प्रवास: चंद्रयानापासून गगनयानापर्यंत” on the occasion of National Space Day 2025 on YASHWANI
2.	Successfully Completed 04 week duration course on Mahadnyandeep platform. Title: “Designing Learner Centric MOOC” (01 Nov 2025 – 01 Dec 2025)

#### **Books/Chapters:**

Sr. No.	Title of the Book/Chapter	Name of the Publisher
1.	Author for Book Name: PHYM201 Thermal Physics (In process)	YCMOU Publication, Nashik
2.	Author for Book Name: Fundamentals of Physics(In process)	YCMOU Publication, Nashik
3.	Content Editor for Book: PHYC311:Lab Activities on PHYC309 and PHYC310(In process)	YCMOU Publication, Nashik

#### **Official Address:**

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*Signature of the Candidate*