



Curriculum Vitae

Vijaykumar Rajkumar Pande,
M.Sc. B.Ed.

Associate Professor (Physics)
Head , Department Of Physics
Sahakar Maharshi Bhusaheb Santuji Thorat
College of Arts , Science and Commerce

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EducationalQualification:			
Degree	Institute/University	Year	Percentage/Grade
M.Sc.(Physics)	DepartmentofPhysics, UniversityofPune,MS,India	2004	59.05
B.Sc.(Physics)	S.S.G.M.College,Kopargaon University of Pune,MS,India	2002	66
TeachingExperience:31years			
Designation	Institute/Organization	Duration	ApprovalNo./ Remark
AssociateProfessor	Sahakar Maharshi Bhusaheb Santuji Thorat College of Arts , Science and Commerce.Sangamner, Ahmednagar,M.S.India -422605	From 3 rd July 1991	CCO/2945 date: - 13/12/1991
Subjectstaught:			
Nuclear Physics, ,Quantum Mechanics, Classical Electrodynamics,Atomic and MolecularPhysics,Optics, Heat and Thermodynamics, Optics,Waves-Oscillationsand sound , Physics principles and Applications , Mechanics and properties of Matter, Electronics, Mathematical methods in Physics I and II , Practicals F.Y.B.Sc. ,S.Y.B.Sc. and T.Y.B.Sc. Lab. 3A and 4B			
Text Bookspublished:02			
1. Mathematical Methods In Physics -II (T.Y.B.Sc.) (Sem. :V, Phy:351) 2. Instrumentation for agriculture (T.Y.B.Sc.) (Sem :VI, Phy:3610(AB)			
Software Skills:			
• Origin • Microsoft Office • Protius • Value @Amtrita			
Project guided:			
B.Sc.(Physics):10; and AVISKAR:14.			

Research Paper Published : 04

Title of paper	Name of journal	Year of publication	ISBN/ISS N number
Design and Development of Pyramid Type solar dryer for drying performance of cabbage.	Int. Res. J. of Go Green. Int.	Vol. 3, Issue- 3. Page (160-166) 2016-17	ISSN: 2350-0905 .
Studies on nano-fluids based on Electrochemically Deposited Tin Nanoparticles.	Res. J. of Science & Engineering	2018, Special Issue A2: (Page 135-139)	ISSN: 2322-0015 Impact Factor :- 4.11
Study of dielectric properties of Cu doped Zn-Ni-Mg Nano ferrites using sol-gel method	Int. Journal of chemical and physical sciences.	April 2018, Vol.7 Special Issue. (Page 57-61)	ISSN:2319 -6602
Study of Structural , Morphological and Dielectric Properties of Copper doped $\text{Ni}_{0.3}\text{Cu}_{0.2}\text{Mg}_{0.3}\text{Zn}_{0.2}\text{Fe}_2\text{O}_4$ Nano ferrite using Sol-Gel Technology	Journal of Applied Science and Computations	Jan. 2019 Volume.VI, Issue I Page No. 989-994	ISSN No. 1076-5131 Impact Factor 5.8

Examination Duties :

Chairman : T.Y.B.Sc. Practical Examination, (2022-23) Savitribai Phule Pune University.

Moderator :

T.Y.B.Sc. Theory Examination,(2022-23) Savitribai Phule Pune University.

S.Y.B.Sc. Theory Examination, (2022-23) Sangamner College (Autonomous) , Sangamner

F.Y.B.Sc. Theory Examination, (2021-22, 2022-23) Sangamner College (Autonomous) , Sangamner.

Paper Setter :

T.Y.B.Sc. Theory Examination, (2022-23) Savitribai Phule Pune University.

S.Y.B.Sc. Theory Examination, (2022-23) Sangamner College (Autonomous) , Sangamner.

F.Y.B.Sc. Theory Examination, (2021-22, 2022-23) Sangamner College (Autonomous), Sangamner.

Lecture Delivered On :-

- Air Pollution
- Solar Energy and Green energy
- Atomic Spectra
- Energy Crises.
- Innovative Applications of Physics
- History and development of Physics
- Scope of Physics after T.Y.B.Sc. (Physics)

Seminars/ Conferences / FDP. Attended:

Sr. No	University	State	FDP	National	International
1	03	13	10	05	01

EXTRACURRICULARACTIVITIES:

- Head, Department of Physics
- Coordinator , Yashavantrao Chavhan Open University , Nashik, Study Centre , 5183A
- Member:IQAC
- MOU with KaranjaliCollege , Karanjali and Rajur College , Rajur.
- Study Tour Organization (T.Y.B.Sc.)
- Organisor : Online National Webinar “ New Fontiers in Information Technology for Physics Education ”
- Mentor (T.Y.B.Sc.)
- Coordinator:Environmental Awareness
- Discipline Committee
- Coordinator : Syllabus Framming of NEP 2020 of F.Y.B.Sc.Physics Paper II
- Member : Criterion No. II and Criterion VI
- Admission Committee

PRESENT POSITIONS:

- Working as Head of the Department of Physics
- Coordinator , Yashavantrao Chavhan Open University , Nashik, Study Centre , 5183A
- Coordinator: Environmental Awareness
- Member:IQAC

Personal Information:

Name:	Vijaykumar Rajkumar Pande	
Designation:	Head, Department of Physics, AssociateProfessorin Physics	
D.O.B:	09 th June 1967	
Nationality:	Indian	
Gender:	Male	
Address:	Communication: Sahakar Maharshi Bhusaheb Santuji Thorat College of Arts , Science and Commerce Sangamner. Dist :- Ahmednagar, Pin-422605,(MS),India.	Permanent: 7, Girirajvihar, Maldad Road , Sangamner. Tal :Sangamner,Dist :- Ahmednagar,Pin- 422601,(MS),India
Languages:	English,Hindi, Gujrati and Marathi.	

(Vijaykumar Rajkumar
Pande)