



## Profile of the Faculty

### 1. General Information:

Name of the Faculty	:	Ms. Prajakta Mahesh Mhatre
Name of the Department	:	Physics
Educational Qualifications	:	M.Sc., PET
Present Position	:	Assistant Professor
Address for Correspondence	:	Department of Physics, Changu Kana Thakur Arts, Commerce and Science College, New Panvel (Autonomous), Plot-No.01, Sector-11, Khanda Colony, New Panvel (W), Dist. Raigad, Maharashtra, India-410206
E-mail	:	prajaktamhatre094@gmail.com
Contact Number	:	+91 9730542939
Specialization	:	Material Science
Total teaching experience	:	2 years
Courses taught	:	T.Y.B.Sc.( Mathematical , Thermal & Statistical Physics and Analog & Digital Electronics , C++ and Python programming, OOP's. ) S.Y.B.Sc.(Optics ,Basic techniques for Synthesis of Material & Fundamentals in Arduino Microcontroller, Astronomy and Cosmology ) F.Y.B.Sc.(Classical Mechanics ) F.Y.Bcom, F.Y.BMS, F.Y.BA/F, F.Y.B.A (Electrical wiring and Solar energy, Computer Hardware)

### 2. Publication of Research Papers:

UGC listed journals	:	01
Peer reviewed journals	:	-

Non-peer reviewed journals	:	-
Conference proceedings	:	-

### 3. List of Publication of Research Papers:

1. P. M. Mhatre, Study of Growth and Characteristics of Metal Salt like Manganese Sulphate [MnSO<sub>4</sub>] doped in L Threonine amino acid single crystal for NLO Application.  
Journal of Advanced Zoology , ISSN: 0253-7214, Vol.44, Issue S-8 Year 2023, Page 141-149

### 4. Academic Staff College Orientation/Refresher courses attended: Nil

Name of the Course	Place	Duration	Sponsoring Agency
Orientation Course	C K Thakur A.C.S. College, New Panvel	15-16 July, 2023	IQAC, C K Thakur A.C.S. College, New Panvel
Refresher Course	-	-	-
Short Term Course	-	-	-

### 5. Participation in conferences, symposia, seminars and workshops:

Level	Presented paper	Only attended	Chaired session	Resource person
International	-	01	-	-
National	-	01	-	-
State	-	-	-	-
University	-	-	-	-

### 6. Experience on the various committees at the college:

- 1) Science Association: Member 2023-24 till date
- 2) RUSA cell -Seminar /Workshop/Conference : Member 2023-24 to 2024-25
- 3) Criterion X – Sustainability Outcomes and Green Initiatives : Member : 2025-26
- 4) Students Councils and Welfare Committee : Member : 2025-26