



॥ विद्या विनयेन शोभते ॥

Janardan Bhagat Shikshan Prasarak Sanstha's

CHANGU KANA THAKUR

**ARTS, COMMERCE AND SCIENCE COLLEGE, NEW PANVEL
(AUTONOMOUS)**

Re-accredited 'A+' Grade by NAAC (3rd Cycle - CGPA 3.61)

'College with Potential for Excellence' Status Awarded by UGC

'Best College Award' by University of Mumbai

Department of Zoology

Profile of the Faculty



1. General Information:

Name of the Faculty	:	Miss Shruti Ravindra Hiremath
Name of the Department	:	Zoology
Educational Qualifications	:	M.Sc. (SET)
Present Position	:	Assistant Professor
Address for Correspondence	:	Department of Zoology, Changu Kana Thakur college of Arts, Science and Commerce New Panvel.
E-mail	:	srhiremath.28@gmail.com
Contact Number	:	09870771616
Specialization	:	Genetics
Total teaching experience	:	03 Years 03 Months
Courses taught	:	F.Y.B.Sc, S.Y.B.Sc and T.Y.B.Sc
Research experience	:	01 Years

2. Publication of Research Papers:

UGC listed journals	:	01
Peer reviewed journals	:	03
Non-peer reviewed journals	:	-
Conference proceedings	:	01



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3. List of Publication of Research Papers:

- **Insect Cell Culture: An insight.**
The Agriculture Magazine
ISSN:2583-1755
Volume 3, Issue 12, August 2024
- **Rodents: Pest of Store Grain and their management.**
The Agriculture Magazine.
ISSN-2583-1755
Volume 3, Issue 9, May 2024
- **Scope of Artificial Intelligence in Indian Education.**
Urban India
ISSN 0970-9045
Volume 43, Issue -2, July-December 2023.
- **Survey Project to understand the impact of covid-19 on education. (2022)**
Electronic international interdisciplinary research journal.
ISSN 2277-8721
Volume 11, Issue-2, March–April 2022.
- **Review article: Graphene: A magic molecule in therapeutics (2018).**
- **Use of Photomicrograph for the analysis of chromosomes in onion (*Allium cepa*), for understanding the effect of Lead (lead acetate) and Zinc (zinc sulphate) salts on chromosome by sewage water irrigation. (2014)**
International journal of scientific research.
ISSN:2277-8179
Volume 3 issue 10, page:38-40
- **Presence of novel chemical diversity in marine environment. (2014)**
Indian journal of applied research.
ISSN NO:2249-555X
Volume 4 issue 6, page no:483-485



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4. Academic Staff College Orientation/Refresher courses attended:

Name of the Course	Place	Duration	Sponsoring Agency
Orientation Course	C.K Thakur College of Arts, Science and Commerce	15 th to 16 th July 2023	IQAC
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	03	07	-	-
State	-	01	-	-
University	-	-	-	-

6. Experience on the various committees at the college:

Science Association:

- As a member, have actively participated in organizing various Science related activities for Science learners.
- Poster competition, Logo design, Model making, Science quiz competition, Debates, Guest talks, Outreach Programs are few of the activities organized for students.
- Celebrated the National Science Day by unveiling the Science Herald, the Annual Science Magazine comprising of several Science articles written by students.

7. Faculty Development Programs:

• Research Methodology, Bibliometric Analysis and Data Analysis using R.

22nd-28th July 2023.

Organized by Society of Education India in association with Office of the Principal Scientific Advisor to the Government of India.



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• **Basic Techniques in Genetics and Molecular Biology.**

30th May -10th June 2022.

Conducted at CSIR- Centre For Cellular and Molecular Biology.

Sponsored by Telangana State Council of Science & Technology (TSCOST) and
Department of Biotechnology (DBT).

• **Molecular Identification and Gene Cloning.**

21st-27th April 2022

Conducted at Amity University, Mumbai.

8. Guest Talk:

Guest lecture on **Artificial Intelligence and Machine Learning** application in various fields.

18th October 2023

Tuljaram Chaturchand College of Arts, Science and Commerce.

9. MOOCS:

- <https://youtu.be/s66rrjIulqY?si=LQz3BC9XgPpN7Pzk>
- <https://youtu.be/k0tUQRKyMDk?si=Flq-FtSRnn2ZuCLA>