

Profile of the Faculty



1. General Information:

Name of the Faculty	:	Rupali Dinbandhu Nanekar
Name of the Department	:	Biotechnology
Educational Qualifications	:	M.Sc. Biotechnology
Present Position	:	Assistant Professor
Address for Correspondence	:	Department of Biotechnology, Changu Kana Thakur Arts, Commerce and Science College, New-Panvel (Autonomous)
E-mail	:	biotechckt@gmail.com
Contact Number	:	022- 27464193
Specialization	:	Biotechnology
Total teaching experience	:	UG: 07 PG: 06
Courses taught	:	Environmental Biotechnology, Cell Biology, Molecular Biology, Bioprocess Technology, Industrial Biotechnology, Medical Microbiology, Molecular Enzymology and Enzyme technology, Omics and System Biology
Research experience	:	<ul style="list-style-type: none">• 01-year 5 Months experience as Research Assistant in ICMR (ERC) Parel.• Guided 07 Avishkar Research Projects• Completed 01 Project under RUSA

2. Publication of Research Papers:

UGC-Care Listed -II	:	02
Non-peer reviewed journals	:	01
Conference proceedings	:	01

3. List of Publication of Research Papers:

- Nanekar RD, Kokitkar SS. Isolation, genetic identification and optimization of hydrocarbon degrading bacteria from petroleum contaminated soil in Raigad region. *Eco. Env. & Cons.* 29 (4): 2023; pp. (1554-1561) <http://doi.org/10.53550/EEC.2023.v29i04.014>
- Nanekar RD, Kokitkar SS (2024). Enzyme Profiling of Petroleum Hydrocarbon-Degrading Bacteria Isolated from Oil Contaminated Soils. *Indian Journal of Science and Technology* 17(23): 2412-2420. <https://doi.org/10.17485/IJST/v17i23.642>
- Suparna Konar, Rupali Nanekar, Varsha Jadhav (2014); Evaluation of Antioxidant Properties of Four Tropical fruits & the effect of Ripeness, Peeling & Freezing on it, *Bionanofrontier*, Vol.7, Special Issue-12,95-97
- S. S Ghadage, S.S Ghangale, R.D. Nanekar, S. P Dongare, A.D. Kumthekar (2020) To Study the Awareness about Viral pandemics and prevention amongst Indian Population. *Anugoonj* ISSN:2348-9731(2019-2020) Pg. No. 20-24.

Copyrights:

- Granted: Successful approval for Copyright in Literacy/Drama in research work Registration Number- **L-114366/2022**
- Granted: Successful approval for Copyright in Literacy/Drama in research work Registration Number- **L-130569/2023**

4. Minor Research Project

Title of Project	Date of Sanction	Duration	Grant received	Funding Agency
Management of local fish waste by turning it into a valuable organic fertilizer: An ecofriendly approach	10/10/2020	1 year	1,00,000/- Date of report submission 13/01/2023	Rashtriya Uchchater Shiksha Abhiyan (RUSA)
“Construction of a Microbial Consortium for Effective Valorization of	01/01/2024	2 years	4,80,000/- Ongoing	Thakur Infraprojects Pvt. Ltd.

Lignocellulosic Biomass and Production of Bioethanol”				
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5. Academic Staff College Orientation/Refresher courses attended:

Name of the Course	Place	Duration	Sponsoring Agency
Short Term Course	Attended & Passed Self-learning Online Virology and COVID 19 certification course from Biotechnika organization (Biotechnika info Labs Pvt Ltd) Bangalore	2 Weeks	-
One Week Faculty Development Programme on "e-Content and MOOCS Creation: Hands on Training" 18th to 23rd September 2022	Changu Kana Thakur A.C.S. College, New-Panvel, (Autonomous)	6 days	Central Library in Association with IQAC under the aegis of "RUSA"
FDP on ICT tools for Teaching and Research	Online Platform	7 days	Teaching learning centre, Ramanujan College, University of Delhi in collaboration with IQAC and Department of CS and IT

4. Participation in conferences, symposia, seminars and workshops:

Level	Presented paper	Only attended	Chaired session	Resource person
International	03	04	-	-
National	-	05	-	-
State	-	-	-	-

University	-	01	-	-
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5. Experience on the various committees at the college-

- Member, Avishkar Research Association
- Member, Science Association
- Worked in Annual Sports, Darpan, Mega health checkup, Cervical Cancer camp, Degree Function committees at college level.

6. Experience on the NAAC/ IQAC of the college

- Member, Criteria-II for NAAC

7. Experience on the Various Committees at the University of Mumbai / Government

- Examiner for B.Sc. Biotechnology Practical Examination, University of Mumbai.
- Paper setter and Moderator at Pillai College of Arts, Commerce & Science, New Panvel.
- External Practical Examiner for the University Examination of B. Tech Sem-II (Biotechnology) (MAY-2023) in subject Genetics, Plant and Animal Sciences at D.Y. Patil Deemed to be University