



Rayat Shikshan Sanstha's
Yashavantrao Chavan Institute of Science, Satara (Autonomous)
Lead College of Karmaveer Bhaurao Patil University, Satara

Faculty Profile

❖ **General information**

Name : Mr. Dhanraj Nandkumar Nimbalkar
Designation : Assistant Professor
Department : Biotechnology
Educational Qualification : M.Sc. Biotechnology
Date of Appointment : 16/12/2015
Teaching Experience : 8 years
Research Experience : -
Research Area : Plant Stress Physiology, Nanotechnology, AI



❖ **Educational Qualification Details(undergraduate onwards)**

Sr. No.	College/University	Degree	Subjects	Year	Class/Percentage
1	YCIS, Satara, Shivaji University, Kolhapur	B. Sc.	Biotechnology	2013	First class Hon. (73.26%)
2	Vp's ASC college, Baramati, SPPU, Pune	M. Sc	Biotechnology	2015	First class (65.16%)

❖ **Academic and Administrative Responsibilities**

Sr. No.	Position	Organization	Date/Duration
1	Member	Quality Improvement Cell, YCIS Satara	2018 to till date
2	Member	Parijatak 2022-23	2020 to till date
3	Member	Project Based Learning	2020 to till date
4	Member	Soil water testing lab committee	2018 to till date
5	Visiting Faculty	BSc in Facility Services	2019-2020
6	Incharge	Soil Water Testing laboratory YCIS satara	Jan 2017- June 2020
7	Organising and Correspondence committee member	National Conference on Multidisciplinary Approaches in Life Science: Research and Application for Sustainable Development (NCMALS-2018)	Jan 2018
8	Organising	National Conference on Recent trends in	2017

	Committee member	Nanomaterials (NCR TN 2017)	
9	Organising Committee member	International Conference on Nanobiotechnology (ICNB'23), March 17-18, 2023	March 2023

❖ **Awards/Honors/Recognitions/Scholarship etc.:**

Sr. No.	Name of the award/honor/recognition	Awarding Organization	Date and year
1			

❖ **Membership to Professional Organizations/Associations:**

Sr. No.	Membership type (Annual/Life/any other)	Organization/Association	Date and year
1			

❖ **Worked as Editor/Reviewer to Journals/Books/Proceedings etc.**

Sr. No.	Name of the Journal/Book/Proceedings	ISSN/ISBN No.	Assignment (Editor/Reviewer)	Publisher	Publication year
1					

❖ **Research Projects(Ongoing/Completed)**

Sr. No.	Title of Project	Duration	Amount Sanctioned (in Lakhs)	Agency	Status (Ongoing / Completed)
Major Research Project					
Minor Research Project					
1	Screening and isolation of extra cellular enzyme producing microorganisms from gut of fresh water prawn	2018	10,000	YCIS, satara (Seed money)	Completed
2	Evaluation of seaweed liquid fertilizer for abiotic stress tolerance in Soybean (<i>Glycine max</i>)	2018-19	20,000	YCIS, satara (Seed money)	Completed
3	Analysis of plant growth stimulants & study of its effect on Strawberry (<i>Fragaria ananassa</i>)	2019-20	25,000	YCIS, satara (Seed money)	Completed

❖ **Research Guidance:**

- Number of students (M.Phil) 1) Completed: 2) Registered:
- Number of students (Ph.D.) 1) Completed: 2) Registered:

❖ **Details of Research Publications**

A) Patent

Sr. No.	Title	Patent No.	Indian/US/ Any other	Granting date
1	Electricity assisted contactless maintenance free AI based Toilet Flushing system. <i>Indian Patent # Karande P.N., Karande A.N., Jawale S. S., Nimbalkar D. N.</i>	202221038410	INDIAN	Published - 2022

B) Books/Book Chapters

Sr. No.	Title	Publisher	Year of Publication	ISBN No	Type (Reference/Text)
1					

C) Datasets Submission

Sr. No.	Title	Accession No.	Data base	Year of publication
1				

D) Research papers:

Sr. No.	Title of paper	Journal/proceeding details (Name, volume, page no, year of publication etc.)	ISSN No	Listed in Scopus/Web of Science/ UGC Care	Impact factor (If any)
1	Isolation, Identification & Efficiency of Bio Fuel Producing Micro Organisms Obtained From Cow-Dung – S. Dalavi, <u>D.N. Nimbalkar</u>	Science research Journal Interdisciplinary. Volume I, Issue II, 103 , 2020-21	-	-	-
2	Green synthesis of silver nanoparticles using Congress weed – <i>Parthenium hysterophorous</i> J. D. Kadam, K. N. Nikam, <u>D. N Nimbalkar</u> , J. J. Chavan	Science research Journal Interdisciplinary. Volume I, Issue I, 84 , 2020	-	-	-

E) Paper Presentation in Conference /Seminar/ Symposia:

Sr · No	Title of paper	Name of the Conference/Seminar/Symposia Details (Title, Date, Page No etc.)	Level (Intl/ Natl/ State /Uni etc.)	Organizing institute
1	Influence of mercuric chloride on seed germination, seedling growth and biochemical analysis of <i>Oryza Sativa</i> - Nimbalkar D. N. , Ghadge N. N.	“Multidisciplinary Approaches in Life Science: Research and Application for Sustainable Development (NCMALS 2018)” January 5-6,2018, P.no.86	National	Yashavantra o Chavan Institute of Science, Satara – 415 001, Maharashtra
2	Use of microalgae <i>Chlorella vulgaris</i> for the treatment of biomethanated distillery spent wash – Nalavade V.M., Ghogare S.C., Nimbalkar D.N., Deshmane A.B.	“Multidisciplinary Approaches in Life Science: Research and Application for Sustainable Development (NCMALS 2018)” January 5-6,2018, P.no.105	National	Yashavantra o Chavan Institute of Science, Satara – 415 001, Maharashtra
3	Isolation of amylase producing microorganism from gastrointestinal tract of catfish - Jadhav S.S., Nimbalkar D.N.	“Multidisciplinary Approaches in Life Science: Research and Application for Sustainable Development (NCMALS 2018)” January 5-6,2018, P.no.87	National	Yashavantra o Chavan Institute of Science, Satara – 415 001, Maharashtra
4	Green Synthesis of silver Nanoparticles from <i>Bambuseae</i> Leaves extract – D.N. Nimbalkar, P.S. Mundada, J.J. Chavan	National Conference on Recent trends in Nanomaterials (NCRTN 2017) 28 th September 2017	National	Yashavantra o Chavan Institute of Science, Satara – 415 001, Maharashtra
5	PEG Stressed Plant Analysis (Drought Stress) S. Gaikwad, S. B. Godase, D. N. Nimbalkar	International Conference on Nanobiotechnology (ICNB’23), March 17-18, 2023, P.no. 98	International	Yashavantra o Chavan Institute of Science, Satara
6	Effect of NaCl on Wheat (<i>Triticum aestivum</i>) - S. Karande, L. M. Ghodake, D. N. Nimbalkar	International Conference on Nanobiotechnology (ICNB’23), March 17-18, 2023, P.no. 99	International	Yashavantra o Chavan Institute of Science, Satara
7	The Effect of Seaweed	International Conference on	International	Yashavantra

	on The Wheat (<i>Triticum aestivum L.</i>) In The Presence Of Drought Stress	Nanobiotechnology (ICNB'23), March 17-18, 2023, P.no. 101	1	o Chavan Institute of Science, Satara
8	Effect of Seaweed Extract on Wheat (<i>Triticum aestivum L.</i>) Germination in Presence of NaCl stress	International Conference on Nanobiotechnology (ICNB'23), March 17-18, 2023, P.no. 102	International	Yashavantrao Chavan Institute of Science, Satara
9	Green Synthesis of Silver Nanoparticles	Lead College Activity – State Level Paper Presentation, 21/01/2013	State Level	Sadguru Gadage maharaj College, Karad

F) Citation Index

	Google Scholar	Scopus	Web of Science
Citations			
h-index			
i10-index			

❖ Participation in Orientation/Refresher/FDP/Short Term/Training Programs:

Sr No	Name of the programme	Organizing institute	Date
1	Soil water analyzing and soil health	Krushvi Vidnyan Kendra Baramati	5 – 12 September 2018
2	Workshop on Molecular Biology (HiPer Teaching Kits)	HIMEDIA Laboratories pvt ltd, Mumbai & YCIS Satara	17 September 2016
3	International workshop on “Abroad Research opportunities for students”	Savitribai Phule Mahila Mahavidyalaya, Satara & YCIS, Satara	8 march 2017
4	Hands on training on Advanced Instrumentation in Biotechnology (for Teachers and Research Scholars)	HIMEDIA Laboratories pvt ltd, Mumbai & YCIS Satara	21-22 December 2018
5	Training by Academy for Learning & Development on “Train the Trainer”	BVG India ltd. Pune	7 -12 September 2017
6	Innovative Research And Patenting Methodology	YCIS, Satara	10 February 2018
7	FDP on Entrepreneurship Development	CIII, YCIS , Satara	12 March 2022

❖ **Participation in Conference/Seminar/Symposia/Workshop/Any other programs:**

Sr. No.	Name of the event	Organizing institute	Level (Intl/Natl/State/Uni/Local etc.)	Date
1.	Recent Advances in Renewable Energy and Hygiene Devices (RAREHD-2018)	Yashavantrao Chavan Institute of Science, Satara – 415 001, Maharashtra	International	March5-6, 2018
2	Interdisciplinary Approaches in Life Sciences (NCIALS-2020),Organizing committee member	YCIS, Satara, Department of Zoology and Biotechnology	NATIONAL	2020
3	National webinar on “Current status and remedies on Covid-19, Biotechnological prospective”	YCIS, Satara	National	7 th Nov. 2020
4	National webinar on “Covid Vaccine”	YCIS SATARA	National	18/12/ 2020
5	Workshop on ‘Scientific Review Writing and Handling Mendeley Software’	Internal Quality Assurance cell, YCIS, SATARA		17/10/2020
6	Two days workshop on teachers training for mentoring & counseling of students	Students counseling cell, YCIS, Satara	UGC grant	21& 22 oct. 21
7	Seminar- Innovative trends in Biotechnology	YCIS, SATARA	National	26/03/2022
8	Workshop- Innovative ways of presenting scientific data	YCIS, SATARA	Lead college activity	28/03/2022
9	International E-conference on “Current Approaches in Life Sciences for Sustainable Development (ICCALSSD - 21)”	YCIS, SATARA	International	19 -20 March 2021
10	One Day National Seminar on “National Education Policy 2020”	YCIS Satara	National	23/01/2021
11	One Day Seminar on “Waste	YCIS, Satara	University	04/02/2017

	Management” (WM-2017)		Level	
12	“Eat Right Millet Mela”	FSSAI West Region	Local	13/04/2023
13	102th Indian Science Congress	University of Mumbai, Mumbai	National	07/01/2015

❖ **Resource person in Conference/Seminar/Workshop/Any other programs:**

S. No.	Title of the event	Level (Intl/Natl/State/Uni./local etc.)	Organizer	Date
1				

❖ **Chaired Sessions in Conference/Seminar/Workshop etc.:**

S. No.	Title of the event	Level (Intl/Natl/State/Uni./local etc.)	Organizer	Date
1				



Signature of Faculty