

Profile of the Faculty

Dr. Minal Anil Patil



1. General Information:

Name of the Faculty	:	Dr. Minal Anil Patil
Name of the Department	:	Botany
Educational Qualifications	:	M.Sc., Ph.D., B. Ed.
Present Position	:	Assistant Professor N. S. S. Programme Officer
Date of Birth	:	15 July 1970
Marital status	:	Married
Address for Correspondence	:	'Ushakkal', At- Gondhalpada, Po- Veshvi, Tal- Alibag Dist. Raigad, 402209. (MS)
E-mail	:	meenal1509@gmail.com
Contact Number	:	7057060033
Specialization	:	Mycology, Manglicolous fungi
Total teaching experience	:	22 years
Courses taught	:	Botany (Plant Diversity, Form and Function, Current Trends in Plant Sciences, Horticulture & Gardening)

2. Academic Qualifications

Examinations	Name of the Board/University	Marks /Grade	Year of Passing
S.S.C. (X th)	S.S.C.Board , Pune	87.00% First Class with Distinction	1985
H.S.C (XII th) Science	H.S.C. Board , Pune	54.83% Second Class	1987
B.Sc. (Botany: Horticulture)	University of Mumbai	64.83% First Class	1990
M.Sc. (Botany; Mycology)- By Research	University of Mumbai	62.00% B+	1996

B.Ed. (Science)	University of Mumbai	60.4% First Class	2005
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3. Research Degree(s):

Degrees	Title	Date of award	University
M. Sc.	“Rhizosphere and Non- rhizosphere flora of the Medicinal plants”	03 Aug. 1996	Mumbai University
Ph. D.	“Studies on Fungi Associated with Mangrove ecosystem of different habitats of Raigad district in Maharashtra.”	27 Aug. 2012.	Mumbai University

4. Record of academic service :

Designation	Nature of appointment	Name of Employer	Date of	
			Joining	leaving
Lecturer in Botany	Temporary(Appointment approved by the University)	Janata Shikshan Mandal, Alibag	8/8/1996	30/04/2003
Lecturer in Botany	Temporary Ad-hoc appointment	Janata Shikshan Mandal Alibag	June 2008	January 2014
Assistant Professor in Botany	Regular Appointment Approved by the University	Janata Shikshan Mandal Alibag	1/2/2014	Till date

- ❖ Period of teaching experience: P.G. Classes (in years): **6 yrs.**
U.G. classes (in years): **20 yrs.**
- ❖ Research Experience excluding years spent in M.Phil./Ph.D. (in years): **06 years**

5. Academic Staff College Orientation/Refresher Academic development courses attended:

Name of the Course/ Summer Course	ASC. Place	Duration
Orientation Programme – Special Summer School	Academic staff college, University of Mumbai.	29 th April 2013 to 18 th May 2013.
Orientation Programme	Academic staff college, University of Mumbai	20 th August 2015 to 16 th Sept. 2015

Refresher Course in Bio Sciences	Human Resources Development Centre , University of Mumbai	23 rd Oct. 2017 to 11 th Nov.2017
Refresher course in ‘Environmental Studies’	UGC, HRDC, University of Mumbai... Sponsored by RUSA	13 Jan.2020 to 25 Jan. 2020
One week National Online Faculty Development Program on ‘ICT Tools for effective Teaching Learning’	Organized by Swami Ramanand Teerth Marathwada University, Nanded.	11th to 16 May 2020,
Online workshop on ‘ Introduction to Innovative Pedagogies for Science & Mathematics Undergraduate Teachers	Indian Institute of Science Education and Research Pune’s Maharashtra State Development of Educators and Enhancement in Delivery(MS-DEED) Programme	27 th January to 29 th January 2022.

Completed **Swayam Course** on ‘Functional Food and Nutraceuticals’ with 64% in September 2020, conducted by SRTM Marathwada University, Nanded.

Members of Academic Bodies

1. Life Member of Indian National Congress , Kolkata
2. Life Member of Mycological Society of India.

6. Number of research papers in national / international conference proceedings. : 07

Sr. No	Title of the paper	Nome of the conference	Date of the conference	year
1.	“Vertical distribution of Mangrove related Higher Marine fungi in Raigad district of Maharashtra.”	National level Seminar on ‘Dynamics of Mangrove Ecosystem’ organized by Department of Botany, Ramnarayan Jhunjhunwala College, Ghatkopar, Mumbai.	29 and 30 Nov. 2013.	2013-14.
2	“Diversity of Higher Marine Fungi associated with Mangrove Ecosystem of Rewas creek, Raigad district of Maharashtra”.	37th All India Botanical Conference of Indian Botanical Society, organised by Department of Botany, K.E.T.’s V.G.Vaze College, Mulund, Mumbai	7 to 9 Nov. 2014.	2014-15.
3.	“Taxonomic studies of Manglicolous Fungi in Raigad District of Maharashtra”	National Symposium on Mycological Research- Emerging Trends, Applications and prospects	23-24, February 2015	2014-15.

		At Department of Botany, Punjabi University, Patiala.		
4.	“ Study of Rhizosphere and Non- rhizosphere flora of the Medicinal plants- <i>Blumea glomerata</i> ” D.C.	International conference on recent trends in Drug discovery and Green Chemistry, proceedings. Organised by M. B. More Foundation Women’s College, Roha, Dist. Raigad.	9 Jan. 2016.	2015-16.
5.	“Effect of Mycorrhizal inoculum on growth of vegetable – <i>Capsicum annum</i> ”	Interdisciplinary state level conference on ‘Science for Sustainable Development’ Organised by K.E.S. Anandibai Pradhan Science College, Nagothane, Tal. Roha, Dist. Raigad in Association with University of Mumbai.	19 Dec. 2016.	2016-17
6.	“Identification of Phytochemicals present in some of the Medicinal plant species used in Raigad district.”	National Conference on Modern Research Trends in Chemistry and allied sciences Organised by J.S.M.College, Alibag – Raigad in association with University of Mumbai.	25 Feb. 2017	2016-17
7.	“Study of effect of Mycorrhizal association on the growth of vegetables- Brinjal plant”	One Day National Conference on “Advances in Biological Sciences” organized by Rizvi College, Mumbai.	3 Feb. 2018.	2017-18.

8. Number of research papers in journals : 02

Sr. No	Title of the paper	Nome of the journal	Page No. Volume, Issue	Year of publication	Journal notified by UGC Yes /No
1.	“Effect of Mycorrhizal inoculum on growth of vegetable – <i>Capsicum annum</i> ”	Bionano Frontier - Interdisciplinary state level conference on ‘Science for Sustainable	47/ 188-194.	2016	No

		Development'(ISCSS D)			
2.	“Horizontal Distribution of Mangrove Related Marine fungi along Salav Creek in Raigad District of Maharashtra”	International Journal of Disaster Recovery and Business Continuity	vol.11, No.2, pp 74-87, ISSN: 2005-4289 IJDRBC.	2020	No

9. Completed Research Projects and Consultancies :

Sr. No.	Title	Agency	Period	Grant/Amount Mobilized (Rs. Lakhs)
1.	“To Study the effect of Mycorrhizal inoculum on growth of some vegetables”	Minor Research Project University of Mumbai	One year	Rs. 25000/-
2.	Study of Mycorrhizal Association of some crop plants and to study the effect of Mycorrhiza on germination of seeds of these plants from Raigad District of Maharashtra.	Minor Research Project UGC	Two years	Rs. 2,20,000/-

10. Papers presented in Conferences, Seminars, Workshops, Symposia:

Sr. No.	Title of lecture/ Academic Session	Title of Conference/ Seminar etc.	Date of the event	Organized by	Whether International/ National/State/ Regional or University level
1	“Study of Rhizosphere and Non- rhizosphere flora of the Medicinal plants – <i>Blumea glomerata</i> D.C.	International Conference on Recent Trends in Drug Discovery and Green Chemistry	9 th Jan 2016	M. B. More Foundations Arts, Commerce and Science Women College, Dhatav-Roha.	Inter-national
2.	Identification of Phytochemicals present in some of	National Conference on Modern	25 Feb. 2017	University of Mumbai in association with	National

	the Medicinal plant species used in Raigad district.	Research Trends in Chemistry and allied sciences.		J.S.M.College, Alibag – Raigad.	
3.	“Horizontal Distribution of Mangrove Related Marine fungi along Salav Creek in Raigad District of Maharashtra”	Second International Conference on Empirical and Theoretical Research (ICETR-2020)	4 June to 5 June 2020	International Board for Education, Research and Development, Mumbai	International

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

1. Attended One-day workshop on T. Y. B.Sc. – Botany Revised syllabus 2019-20, on 3rd Aug. 2019 organized by Department of Botany, M. D. College, Parel, Mumbai; in collaboration with Board of Studies in Botany, University of Mumbai.
2. Attended a Two days State level workshop on ‘e- content Development for effective teaching’ on 14-15 Sept. 2019, organized by J.S.M. College, Alibag in collaboration with Knowledge Bridge, Ahmednagar.
3. Attended a One Day Student Solar Ambassadors workshop on Learning to make own solar study lamp 2nd Oct.2019 organized by Dept. of Energy Science and Engineering. IIT Bombay.
4. Attended a webinar on ‘High Performance Thin Layer Chromatography – Instrumentation and Applications’ on May 08, 2020, jointly organized by Anchrom Enterprises (I), Pvt. LTD., Mumbai and Isamail Yusuf College of Arts, Science & Commerce, Mumbai.
5. Attended one-day workshop cum Webinar on e- content development and intellectual property rights on 27 Apr. 2020, organized by the Regional Joint Director, H. E., Konkan Region, Panvel & Sonopant Dandekar, Apte & Mehta College, Palghar.
6. Attended Second International Conference on Empirical and Theoretical research International Board for Education , Research and Development on 4-5, June 2020
7. Attended A National Webinar on ‘TERRARIUM- GET CLOSE TO NATURE’ (online) Lala Lajpatrai College of Commerce and Economics, Mumbai - Entrepreneurship Development Cell on 9 , July 2020
8. Attended an International Webinar on ‘ Laughter Yoga’ S.S.T. College of Arts & Commerce , Ulhasnagar in association with Laughter Yoga International, on 16, July 2020
9. Attended a State level webinar on ‘ Fascinating Forests’ Jai Hind College, Churchgate, Mumbai , on 28 July 2020
10. Attended a National level webinar in ‘KI & Ka; Balancing Gender Roles’ MES’s Mahatma Night Degree college of Arts & Commerce Chembur - Mumbai in Association with Soroptimist Were Association on 8, Dec. 2020
11. Attended a One Day National e- Seminar on ‘Recent Trends in Plant Sciences Sir Sayed College of Arts , commerce and Science , Aurangabad on 3Jan, 2021

12. Attended a National webinar on “Wetlands for our Future” organised by D.E.S.’s Dapoli Urban Bank Senior Sciences College, Dapoli- Ratnagiri. On 2 Feb. 2021.
13. Attended a Faculty Development Programme on ‘ICT Tools for Effective Teaching and Learning’ organised by IQAC, J. S. M. College, Alibag – Raigad, from 1 March to 6 March 2021.
14. Attended a One day online workshop on “Intellectual Property Rights and Patents” organised by J.S.M. College, Alibag – Raigad in Association with Rajiv Gandhi National Institute of Intellectual Property Management , Nagpur on 20 Apr. 2020
15. Attended a webinar on “Hyphenated Techniques” organised by Department of Chemistry on 30 May 2021.
16. Attended Intercollegiate e- workshop on “Quality Management System for Administration: A NAAC perspective” organised by IQAC of Bharat College of Arts and Commerce, Badlapur, Dist. Thane on 15th March 2022.

12. Contribution in the various committees at the college

Sr. No.	Name of the Committee
1.	Women Development Cell
2.	Cultural Committee
3.	Organization of Seminars and Conferences committee
4.	Alumni Association
5.	Nature Club Committee In –Charge of the committee
6.	Avishkar (Research Convention) committee
7.	Building Committee(Representative from User teaching section)
8.	Library Committee
9.	Introduction of New Courses committee
10.	Academic Prizes committee
11.	Felicitation of Meritorious Students Committee
12.	Admission Committee
13.	Staff Welfare Committee/ Club
14.	Energy Conservation & Green Audit committee
15.	Committee for campus beautification and landscaping
16.	Feedback committee
17.	Experience on the NAAC/ IQAC of the college: <ul style="list-style-type: none"> • Member Criterion V from 2018-19

