

	<p>Dr. Mandakini Rajendra Ingle HOD, Department of Botany</p> <p>SATISH PRADHAN DNYANASADHANA COLLEGE, THANE Off Eastern Express Highway, Dnyanasadhana Marg, Thane</p> <p>Vidwan ID: 557976</p>
Department	BOTANY
Name of the Faculty	Dr. Mandakini Rajendra Ingle
Designation	Associate Professor
Institute/College	Satish Pradhan Dnyanasadhana College, Thane
Qualification/s	M.Sc., NET., Ph.D. LLB
Email ID	rajmandakini@gmail.com
Years of Experience	UG: 24years PG: 12years Research: 10years
Thrust Area	Plant Physiology and Biochemistry, Mycology, Cytogenetics
Details of Paper Presented	National Level:3 International Level:4
Details of Publication	<ul style="list-style-type: none"> • National Level: 16 • International Level:1 • Conference Proceedings:3
Details of Seminar/Workshop/Conferences/Symposia attended	: State Level:2 National Level:16 International Level:8
Experience on the various Committees at the University of Mumbai	<ul style="list-style-type: none"> • Member of the Board of Studies in Botany • Member of the Syllabus Framing Committee for FYBSC (NEP-2020) and MSc Part I(NEP- 2020) • TYBSc Practical Examination Chairperson, Paper Setter and Examiner • M.Sc Paper Setter and Examiner
Experience on the various Committees at College	<ul style="list-style-type: none"> • Member of College Development committee • Convenor for College Examination Committee

	<ul style="list-style-type: none"> • Member of Science Association Committee • Convenor for SC-ST student committee • Member of Admission Committee • Member of ISO committee (2021-23) • NSS Programme Officer during 2010-11 and 2011-12 ; Member of NSS • Nature Club, Women Development cell, , Prospectus Committee, Placement Cell, Arts Circle • Member of the organizing committee for 7 day on-line student development programme-‘E-Learning: Blackboard to Broadband’
Membership	<ul style="list-style-type: none"> • Member of Association of Teachers in Biological Sciences • Member of Mycological Society of India, • Member of Indian Botanical Society • Member of Association of Fungal Biologists
Awards and Recognitions	<ul style="list-style-type: none"> • Recognition as a PG teacher • Recognized Guide for Doctoral Degree, University of Mumbai • Awarded the Best Women Researcher Award for the research paper by IARA at the International e-conference on ‘Contemporary Trends in Management, Technology and Engineering’ in April 2018 and annual free membership
Any other	<ul style="list-style-type: none"> • Invited as a Resource person for delivering lecture on ‘Proteins for Sustainability’ at Kirti College Dadar • Judge for Intercollegiate Science Exhibition • Organizing Secretary for the National Conference on ‘Fungi on diverse habitats and their biotechnologic al applications’ organized by Satish Pradhan Dnyanasadhana College, Thane jointly with Myscological Society of India (Mumbai Unit) • Completed One month online Research training programme organized by MSME-Technology Development Centre,govt of India organization, Agra

Participation/ Paper presentation in conferences, symposia, seminars and workshops:

Sr. No.	Seminars/ Workshops / Conference etc	Level	Date/s	Theme/Title	Venue	Title of the paper / Poster Presented
1	Workshop	University	16th June 2012.	S.Y.B.Sc Revised syllabus	Ramniranjan Jhunjhunwala college	attended
2	Seminar	National	8th and 9th February 2013	Fungi and Human Welfare	Ramnarin Ruia College in asso. With MSI	attended
3	Seminar	National	29th and 30th November 2013	Dynamics of Mangrove Ecosystem	Ramniranjan Jhunjhunwala college	attended
4	Conference	National	28th and 29th January 2014	Fungi in Agriculture	N.E.S. Ratnam College	attended
5	Workshop	University	5th July 2014	F.Y.B.Sc Revised syllabus	Patkar College	attended
6	Workshop	University	29th and 30th Sept. 2014	Research Methodology	Ruia College	attended
7	Conference	National	28th and 29th November 2014	Fungi in Biotechnology	S.I.E.S College	Presented paper on “Optimization of culture conditions for production of xylanase by <i>Aspergillus. flavus</i> and <i>Penicillium sps</i> ”
8	Conference	National	24th Jan. 2015	Environmental issues and Benefits with Special Reference to Polymer industries	Dnyanasadhana College,	Presented paper on “Commercial and environmental perspectives of lignin – a

						review”
9	Workshop	University	20th June 2015	S.Y.B.Sc Revised syllabus	K.V. Pendharkar College	attended

10	Conference	National	11th and 12th Dec. 2015	Fungal Diversity and their applications	Gurunanak College	attended
11	Workshop	UGC recognized Kaushal Kendra	13 th Dec. 2015	Soiless Farming	Ruia College	attended
12	Workshop	University	11th June 2016	T.Y.B.Sc Revised syllabus	RamniranjanJhunjhunwala college	attended
13	Workshop	State	22 nd -23 rd July 2016	Statistical Package for Social Sciences	Dnyanasadhana college	attended
14	Conference	National	2 nd and 3 rd Dec. 2016	Fungi on diverse habitats and their biotechnological applications	Dnyanasadhana College	Presented paper on “Studies on copper induction for laccase enzyme production by <i>Trichoderma erinaceum</i> ”
15	Seminar	National	14 th January 2017	Smart Farming Technologies-Need of hour	Ruia College	attended
16	Workshop	University	21st June 2017	S.Y.B.Sc Revised syllabus	Jaihind College, Church gate	attended
17	Workshop	University	12 th Sept. 2017	MSc. Part II Revised Syllabus	Mithibai College, Vile-Parle	attended
18	Workshop	College	22 nd Nov. 2017	Techniques in Molecular Biology	S. P. Dnyanasadhana college	attended ---
19	Conference	National	5 th & 6 th Jan' 2018	Emerging Trends in Mycotechnology	G.M.Momin Women's College, Bhiwandi	attended
20	Conference	International	17 th to 19 th Feb' 2018	Microbial Technology for Better tomorrow	D.Y. Patil College of Arts, Commerce and Science, Pimpri, Pune	Presented paper: Production of lignocellulose degrading enzymes by few fungal isolates

21	Workshop	International	05/01/2019	Academic Life, Doctoral And Post-Doctoral Degree Across The Globe	Satish Pradhan Dnyanasadhana college	attended
22	Workshop	College	03/11/2018	Basic Techniques in Mycology	Satish Pradhan Dnyanasadhana college	attended
23	Workshop	College	24/10/2018	Plagiarism Ways and Means to Reduce	Satish Pradhan Dnyanasadhana college	attended
24	conference	International	15 dec 2018		ASP College, Devrukh, Ratnagiri	Presented paper: Studies on utilization of some agro-industrial wastes for cellulolytic enzyme production by few fungal isolates.
25	Workshop	National	22 nd to 24 th November 2019	“Basics of Plant Identification and Nomenclature”	R.D National College, Bandra	attended
26	Workshop	Local	23 rd September 2019	Mushroom Cultivation	Satish Pradhan Dnyanasadhana College, Thane	attended

27	Workshop	National	15 th and 16 th February, 2020	Mycological Techniques	Satish Pradhan Dnyanasadhana College, Thane	attended
28	e-Conference	International	18 th April 2020	Contemporary Trends in Management, Technology and Engineering	On-line	paper presented “Studies on extracellular lignin modifying enzyme production by submerged fermentation”
29	Faculty Development Programme	National	30 th May 2020 to 3 rd June 2020	Evolution from Offline to Online	Satish Pradhan Dnyanasadhana College, Thane	attended
30	Webinar	International	25 th July 2020	Rare Fungal Spores as Trace evidence and intelligence in Forensic Investigations	Satish Pradhan Dnyanasadhana College, Thane jointly with Myscological Society of India (Mumbai Unit)	Organizing Committee Member
31	e-workshop	National	25 th to 30 th January 2021	Molecular Taxonomy- DNA Barcodes	Biosrushti (On-line)	attended
32	Symposium	National	4 th June 2021	World Environment Day	Gujarat Vidyapith, Ahmedabad and sonopant Dandekar College, Palghar (On-line)	attended

33	Webinar	International	28 th June 2021	The Slime Molds: Paradigm shifts from Nineteenth Century to today	J.S. M College, Alibag(On-line)	attended
34	2 Day workshop	State level	8 th and 9 th July 2021	Mathematical and Computational Applications in Biological, chemical and Related Sciences	K.C.College, Mumbai (on-line)	attended
35	Conference	International	29 th May 2022	Research Methodology	On-line	paper presented Learning Plant Sciences Amid COVID-19: Issues, Challenges and Opportunities
36	Workshop	College	20 th July 2022	Case Study Development Under Research Methodology	Satish Pradhan Dnyanasadhana College, Thane jointly with IBS and ICFAI	attended
37	NEP Conclave	National	30 th June 23	Transforming Higher education Institutions into new world of Quality education via National Education Policy (NEP) 2020	Satish Pradhan Dnyanasadhana College, Thane jointly with NAAC, ICSSR and University of Mumbai	attended
38	Workshop	University	5 th Feb. 2024	M.Sc. Part I Botany Revised Syllabus NEP 2020	R.D. & S.H. NATIONAL COLLEGE & S.W.A. SCIENCE COLLEGE	Syllabus framing committee member

Publications of research papers:

Sr. No.	Title with page No.	Journal	ISSN No.	Peer reviewed / non-peer reviewed/ Conference proceedings	Impact factor (if any)	Main author /Co- author	No. of Co-author s
1.	Optimization of culture conditions for production of xylanase by <i>Aspergillus. flavus</i> and <i>Penicillium sps</i>		978-81-920431-9-7	Conference proceedings		M.R. Ingle	1
2	Commercial and environmental perspectives of lignin – a review		ISBN: 81-89217-13-5	Conference proceedings		M.R.Ingle	1
3	Studies on cellulolytic enzyme production by <i>Trichoderma erinaceum</i>	Indian Journal of Applied Research	Vol 6, issue 6, pg. nos.13 - 15	Peer reviewed	3.919	M.R.Ingle	1
4	Production of laccase enzyme by <i>Trichoderma erinaceum</i>	Indian Journal of Applied Research	Vol 6, issue 10, pg. nos.65 - 68	Peer reviewed	3.919	M.R.Ingle	1
5	Studies on copper induction for laccase enzyme production by <i>Trichoderma erinaceum</i>	International journal of Life Sciences	Special Issue, A5, 2320-7817(p) / 2320-964X(o)	Peer-reviewed		M.R.Ingle	1
6.	Comparative studies on laccase enzyme production by two different species of <i>Trichoderma</i> . pg.94-98.	International journal of Life Sciences Special Issue, A9 January 2018	2320-7817(p) / 2320-964X(o)	Peer reviewed. UGC recognized		M.R.Ingle	nil

7	Lignocellulolytic enzyme production by soft –rot fungi isolated from decomposing coconut coir pith	International journal of Scientific Research	ISSN: 2277-8179, Vol-7, issue-4, April 2018, pg.394-396	Peer reviewed. UGC recognized Sr.No. 49217	4.758	M.R.Ingle	nil
8	Efficient Production of Xylanase enzyme by fungal species using Low cost Agro-industrial Substrates	International journal of Scientific Research	ISSN : 2277-8179 Vol-8, issue-4, April 2019, pg.26-28,	UGC recognized Sr.No. 49217		M.R.Ingle	nil
9	Studies on extracellular lignin modifying enzyme production by submerged fermentation	<i>Studies in Indian Place Names</i>	ISSN: 2394-3114 Vol-40- Issue-69- March-2020 Vol-40- Issue-69- March-2020 Pp29-135	<i>UGC Care Journal</i>		M.R.Ingle	nil
10	A Review on Impact of climate change on some important wetlands of Maharashtra	Proceedings of 15th Annual National Conference on Wetlands and Water (2021)	ISBN 978-81-926582-0 Pg 48-55	<i>Conference proceedings</i>		M.R.Ingle	nil
11	LGBTQIA Community in India: A Struggle for Third Gender Rights	International Journal of Advance and Innovative Research	Volume 9, Issue 4 (III) October - December 2022: 13-16	Peer reviewed	IJAR impact factor 7.36	M.R.Ingle	nil
12	Learning Plant Sciences Amid COVID-19: Issues, Challenges and Opportunities	'RESEARCH JOURNEY' International E-Research Journal	E-ISSN – 2348-7143 Issue - 294(A), May 2022, pp 163-167	Peer Reviewed, Referred & Indexed	Impact Factor 6.625	M.R.Ingle	nil

13	Studies on Fungal Decolorization and Degradation of Few Azo Dyes	International Journal of Researches in Biosciences, Agriculture and Technology	e-ISSN 2347 – 517X IJBAT,, Issue (X) Vol (II) May 2022: 304-310	Double-Blind Peer Reviewed & Refereed		M.R.Ingle	nil
14	Sustainable Approaches for 'Protein Accessibility'	Eco. Env. & Cons. 30)	ISSN 0971– 765X (January Suppl. Issue) : 2024;vol: 30, pp. (S375- S378 DOI No.: http://doi.org/10.53550/EEC.2023.v30i01s.075	Peer Reviewed		M.R.Ingle	nil

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