

CURRICULUM VITAE.

Name: Dr. (Mrs.) Chhaya S Panse
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Telephone. No.: 9820035592 / 022 29275146
e-mail: principal@mdcollege.in
Date of Birth : 26th July 1962.



Educational Qualification:

Degree	% age	Year of passing	University
B.Sc	73%	May 1982	Mumbai University
M.Sc	65%	May ,1984.	Mumbai University.
D.H.E.	64%	May ,1985.	Mumbai University.
Ph.D.	----	Jan1994.	Mumbai University.

Department & Designation: Principal, M. D. College, Parel.

Name of the institution presently working: Maharshi Dayanand College of Arts, Science & Commerce, Parel, Mumbai -400012.

Teaching Experience: Working in the present college from 13th August 1984.

Subjects Taught-	Subject	Class
Undergraduate:	1.Biotechnology, Toxicology & Marine Zoology.	T.Y.B.Sc
	2. Genetics and Developmental Biology. Fishery Biology	S.Y.B.Sc.
	3.Biotechnology	F.Y BSc
Post Graduate:	1.Biotechnology, Marine Sciences.	M.Sc II

Refresher & Orientation courses

Refresher course 1993. Mumbai.

Refresher course 1996 Mumbai.

Administrative Experience:

- Principal (5 years)
- Vice Principal – (9 years).
- Head, Dept. of oology – (8 years).
- Co-ordinator of IQAC. – (8 Years)
- Admission Committee (Convenor).
- Coordinator for self financing courses (B.Sc. – Computer Science)

Campus Enrichment Programes:

- Convenor of Science Circle
- Discipline Committee.
- Library Committee.
- Educational Tours.
- Gymkhana Committee.
- Scholarship Committee.
- Examination Committee
- Placement (Science).
- Convenor of International Exchange Program on Climate Change
- Convenor Zero Waste Management Committee

Number of Conferences / Seminars / Workshops organized: 15

I. Student Related Programmes

Activity	Particulars
Climate Change	<ul style="list-style-type: none">• Conducted a 5 days interactive program on Climate change with NGO Shrustidyan, Global College, Stockholm, Sweden and M.D College• Trained students to be climate Ambassadors.• Signed MOU with Global School of Sweden and NGO Shrustidyan.• Ambassadors were trained to carry out environment related activities in 9 school of Mumbai• Helped them to carry energy Audit, Water Audit, prepare seed bank, Set up Butterfly Garden, spread awareness about Earth Hour.• Prepared Eco-friendly Rakhis, Paper Bags, Best from Waste
Zero Waste Management Committee	<ul style="list-style-type: none">• Coordinated with NGO “Stree Mukti Sanghatana” Got 2 cement tanks installed in the campus.• Trained the students to collect Canteen waste and convert into manure• 50 kgs of manure was prepared in 3 months and used in college garden.
Educational Tours:	Consistently for 20 years arranged Educational Tours to places all over India with Industrial Visits.
Examination:	Started mentoring system for students getting less than 10% marks in the first term exam.

	Mentoring also arranged for sports students unable to attend lecture due to sports tours.
Research	Coordinator for Mumbai Zone for “Aavishkar”-Research Convention
Academic:	<ul style="list-style-type: none"> • Introduced Seminars for students • Project presentation for students before it was made mandatory. <p>Introduced “Vista” Inter Collegiate Festival (Academic ,Sports, Cultural) for students of B.Sc – Computer Science</p>

II. University Related:

1.Vice Chancellor’s nominee and Subject expert at the Panel interview of the “Selection committee” at various colleges of Mumbai university.	Mumbai University.
2. Worked as Paper Setter, Moderator for T.Y.B.Sc, M.Sc Practical and Theory examinations.	Mumbai University.
Syllabus Framing Committee	University of Mumbai.
Syllabus Framing Committee .	SNDT University
3. Invited on selection Panel to select P.hD Students	Ruparel, Ruia and Mithibai College
4. Member of Adhoc Board Of studies in Zoology	SNDT University

III. Invitation as Resource person:

Sr. No.	Particulars	Target audience	Place
1	<i>Refresher Course</i> on” Entreprenial Biology” organized by “Academic staff College”	Faculty	Held at Mithibai College
2	Workshop on F.Y BSc Syllabus Revision	Faculty	Held on behalf of Mumbai University at ICL college, Vashi
3	Workshop on S.Y BSc Syllabus Revision	Faculty	Held on behalf of Mumbai University at SIES college, Sion
4	Workshop on M.Sc Syllabus Revision	Faculty	Held on behalf of Mumbai University at Khalsa college, Matunga
5	Plenary talk on “Effect of Climate Change on Marine organisms”	<i>Delegates</i>	International Conference on Environment & Humanity – Eco Revolution -2012, held on 18-20 Aug., 2012 at Colombo, Sri Lanka
6	Resource Person for UGC sponsored Seminar on “Trends & issues in animal science research”	Delegates	UGC sponsored seminar on Technical writings on 18 th and 19 th Jan 2014, Yogeshwari College, Ambejogai.

7	Resource Person for International Conference titled “Ecorevolution”	Delegates	Srilanka
8	Guest lecture on “Pets”	Students	Maharshi Dayanand college, Mumbai.
9	Guest lecture on “Algae”	Students	Maharshi Dayanand College, Mumbai.
10	Guest lecture to Commerce and Arts student on Biotechnology and its application.	Students	Maharshi Dayanand College, Mumbai

IV. Other Invitations:

Sr. No.	Particulars	Place
1.	Invited as a judge for “Aavishkar” - Research Presentation of Under Graduate and Post Graduate students of Mumbai University.	Kalina
2	Invited as a judge for Cookery competetion	M.D College
3	Invited as a judge for poster competition	Yogeshwari College, Ambejogai
4	Chaired a session at UGC sponsored workshop on Technical writings	Yogeshwari College, Ambejogai

V. Consultancy Project

SR No	Particulars	Amount	Place
1	Undertook a consultancy project for Hycator Systems with respect to Ballast water technology recognized by Indian Registrar of Shipping.	Rs 2 .00 Lakhs	Maharshi Dayanand College

VI. Papers Presentations:(Papers presented in Conferences, Seminars, Workshops, Symposia):

Sr. No	Title of the Paper presented	Title of Conference/ Seminar	Date of the event	Organized by	Whether International/National/State/Regional/College or University level
1	Teaching Learning In The Digital Era: The Challenge Ahead	International conference on current issues in education and social sciences	10-5-14 & 11-05-14	Faculty of education. Dr Babasaheb Ambedkar Marathwada University , Aurangabad.	International

2	Ornamental fish culture & its need for export in India'	UGC sponsored National seminar on 'Horticulture & marine export in India' ,	1/12/2012	M.D.college	National
3	Community Radio- As tool for education in India	UGC sponsored International Conference on ICT as Change Agent in higher education,	3/2/2012,4/2/2012	jointly organized by M. D. College and IDOL, Mumbai University	International
4	Use of Technology in Pure Science versus social science	UGC sponsored International Conference on ICT as Change Agent in higher education,	3/2/2012,4/2/2012	jointly organized by M. D. College and IDOL, Mumbai University	International
5	Quarrying activity in Navi Mumbai- Revenue or environment ?- Question to the government.	UGC sponsored National seminar on Environment Management and Sustainable Development	2/2/2011-3/2/2011	M.D.college and International Society for Science and Technology	National
6	Assesment of Tungareshwar WLS with reference to Ecotourism	Ecotourism an Indian Perspective	13 th Feb 2010	M.D College	State
7	Women entrepreneurship in the koli community	UGC sponsored National seminar on Empowerment of Indian women in the contemporary World	15 and 16/2/2008	Nagindas Khandwala College, Mumbai	National

8	Women entrepreneurship in the koli community	Conference on Social Development and Transition paths for local-global partnership	25-28/11/2008	International Consortium for social Development, The Asia Pacific branch, and Kadambari Memorial College, Nepal	International
9	Study of water quality of sewree creek, Mumbai, Maharashtra.	National conference on environmental pollution and toxicology	22 nd -23 rd Nov 2006	Thakur College of Science and Commerce	National
10	Effect of herbal pesticides on <i>Achaitina fulica</i>	Seminar on Research Activities	5 th Oct 2004	University of Mumbai, Fort	
11	Comparative evaluation of placental barrier in mammals	Recent trends in lifesciences and biotechnology	20-22 nd Nov 2001	Jointly organized by Dept of life science and Biotechnology University of Mumbai, Kalina and Indian society of life sciences Kanpur	17 th National symposium
12	Ultrastructure of placenta of <i>Suncus murinus</i>	Recent advances in environmental physiology and endocrinology	29 th -30 th Nov 1996	The Institute of Science	National Symposium
13	Ultrastructural development of the interhemal membrane in two species of rhinopomid bats	International Bat Research Conference	3/8 to 7/8/1992	Madurai Kamraj University.	9 th International Bat Research Conference

VII. Inter Collegiate Seminars/ Workshops organized

Sr. No.	Particulars	Workshop/ Seminar	Student /Faculty	Place
1	Eco Tourism	State level Seminar.	Faculty, Mumbai University.	13 th Feb.2010, M.D. College , Parel
2	Advisory Committee Evolving of scientific terminologies in environmental science in regional (Marathi) language”	National level	Faculty all over India	Bandodkar College, Thane 2-7-11 to3-7-11
3	Environment Management – Sustainable Development.(Co-convenor)	UGC sponsored National level seminar.	Faculty, Mumbai University.	MD College on 2 nd and 3 rd Feb.2011
4	Preparation of Feasibility Report	IntercollegiateWorkshop	Faculty& Students	M.DCollege, Mumbai.3 rd & 4 th Feb 2012
5	ICT- A Change Agent in Education (Co- Convenor)	International conference	Faculty-National & International	
6	Horticulture and Marine Products of Commerce (Convenor)	UGC sponsored National level seminar.	Faculty, Mumbai University	MD College Jan 2013
7	Research Methodology workshop (Convenor)	ICSSR sponsored Workshop	Faculty, Mumbai University.	M.D College, Mumbai. 16 th Dec to 23 Dec 2013
8	Sports Medicine (Convenor)	Intercollegiate College Level	Faculty and Sports students of Mumbai University	M.D College, Mumbai 8 th Jan 2014
9	ETCST (organizing Committee)	International conference	Faculty-National & International	Thailand 3 rd Nov- 8 th Nov 2014

VIII. Research

Patents: 2 Applied

Research Guide

Guide	Number of Students Awarded PhD	Number of Students pursuing PhD
Ph.D.	02	02

IX. Research Projects - Completed

Sr. No.	Title	Agency	Period
1	Autoecology and diversity Of Butterflies by establishment of Butterfly Garden (2009-2010) (Completed in 2012)	UGC	2 years
2	Efect of herbal pesticides on Feeding and breeding behavior of <i>Achatina fullica</i>	University of Mumbai	1 year
3	“Women entrepreneurship in the Koli Community”	University of Mumbai	1year
4	Study of water quality at Sewri Creek near Sewri jetty, Mumbai	University of Mumbai	1year
5	Interrelationship of marine macroalgae diversity and water quality at Urancoast	University of Mumbai	1year
6	Avian diversity of Ramban wetland,Uran	University of Mumbai	1year
7	Ecological study of Banganga Pond, Mumbai	University of Mumbai	1year

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2	Ultrastructure of placenta of <i>Suncus murinus</i>	Recent advances in environmental physiology and endocrinology	29 th -30 th Nov 1996	The Institute of Science	National Symposium
3	Comparative evaluation of placental barrier in mammals	Recent trends in life sciences and biotechnology	20-22 nd Nov 2001	Jointly organized by Dept of life science and Biotechnolog	17 th National symposium

				y University of Mumbai, Kalina and Indian society of life sciences Kanpur	
4	Effect of herbal pesticides on <i>Achaitina fulica</i>	Seminar on Research Activities	5 th Oct 2004	University of Mumbai, Fort	National
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11	Community Radio- As tool for education in India	UGC sponsored International Conference on ICT as Change Agent in higher education,	3/2/2012, 4/2/2012	jointly organized by M. D. College and IDOL, Mumbai University	International
12	Technology in the class room- teachers perspective	UGC sponsored International Conference on ICT as Change Agent in higher education,	3/2/2012, 4/2/2012	jointly organized by M. D. College and IDOL, Mumbai University	International
13	Ornamental fish culture & its need for export in India'	UGC sponsored National seminar on 'Horticulture & marine export in India' ,	1/12/2012	M.D.college	National
14	Effect of quarrying activity on the environment –a case study of Navi Mumbai	International Conference Eco Revolution 2012, Sri Lanka	18/8/12 to 20/8/2012	Eco Needs Foundation, India, in collaboration with Ministry of Environment, Sri Lanka	International
15	Teaching learning in the digital era: the challenge ahead	International conference on current issues in education and social sciences	10-5-14 & 11-05-14	Faculty of education. Dr. Babasaheb Ambedkar Marathwada University , Aurangabad.	International
16	Entrepreneurship promotion	102 nd Indian science	3/1/15 to 7/1/2015	The Indian Science	National

	among koli women	Congress		Congress association and University of Mumbai	
17	Butterfly diversity in Urban garden	102 nd Indian science congress	3/1/15 to 7/1/2015	The Indian Science congress association and University of Mumbai	National
18	Paper presented "Base line seasonal data of zooplankton in Vashi creek, Mumbai (India)"		2/2/17	KME societys G.M Momin College at Paryavaran Dakshata Mandal	National
19	Status of phytoplankton in Vashi Creek, Mumbai (India)	Emerging Issues in Contemporary India : Local and Global Perspective	17/03/18	A.E.Kalsekar Degree College, Kausa, Thane	International

IX. Publications

National/International Journals with ISSN- 19

Proceedings with ISBN- 06

Books (Co-Author) - 04 chapters

Papers in National/International Journals

Sr. No	Title with page nos.	Journal	ISSN/ISBN NO.
1	Study of water quality at Sewri Creek near Sewri jetty, Mumbai (495-498)	Ecology, Environment and Conservation 14(2-3) 2008 Peer reviewed, Indexed	ISSN 0971-765X
2	The endotheliochorial interhemal membrane of the Indian musk shrew, <i>Suncus murinus</i> : an ultrastructural study. [1998, 103(2):83-93]	Italian Journal of Anatomy and Embryology Peer reviewed, Indexed	ISSN-1122-6714 (print) ISSN 2038-5129 (online)
3	Ecological study of Tungar stream in Tungreshwar WLS, Maharashtra (53-55)	Bionanofrontier Vol.3(1) 53-55 ,2010 Peer reviewed, Indexed IF 4.856	ISSN 09740678

4	Effect of some plant extract on feeding behavior of <i>Achatina fulica</i> (Bowdich)	Ecology and Fishery Journal Peer reviewed	ISSN 0974-6323
5	Knowledge of fish Processing and technology among koli women	Ecology and Fishery Journal Vol.3(1):23-26 Peer reviewed	ISSN 0974-6323
6	Ecological study of Mankeshwar beach, Uran, Nov 2011(39-40)	Ecology and Fishery Journal	ISSN 0974-6323)
7	Occurrence of <i>Microcystis</i> Bloom Bandra pond(Swami Vivekanand Sarovar),Maharashtra,India:its impact and measures for sustainable development”2012 (93-95)	Bionanofrontier Peer reviewed, Indexed IF 4.856	ISSN 0974-0678:93-95
8	Use of modern teaching technologies by teachers of pure and social sciences affiliated to Mumbai University.	-Global Journal of Multidisciplinary studies. Volume III issue V on 30 st April 2014 Peer reviewed Indexed Impact factor 2.38	ISSN-2348-0459
9	Entrepreneurial opportunities in ornamental fish culture and its need for export in India	EPIGNOSIS Journal of multidisciplinary Research , April 2014 peer reviewed	ISBN-978-81-922163-1-7
10	Ecological study of Banganga	Bionanofrontier Volume 8,(3),117-119 2014 Peer reviewed Indexed Impact factor 2.38	ISSN 0974-0678
11	Need for protection and conservation of wet land	Ecology and Fishery Journal Vol.8(1):37-42 2015 peer reviewed	ISSN-0974-6323
12	Butterfly Diversity In An Urban Garden, Mumbai (Maharastra)	Journal of Ecology and Fisheries Volume 10(1):11-16 peer reviewed	ISSN0974-6323
13	Study of seasonal Variation of zooplankton in Vashi Creek, Navi Mumbai (India)	Ecology and Fisheries Vol. 1092), 69-74 peer reviewed	ISSN 0974-6323
14	Status of phytoplankton in Vashi Creek, Mumbai(India)	Ajanta, Vol-VII,Issue-I,134-141 Jan 2018 Peer reviewed, Indexed, Impact factor 5.2	ISSN 2277-5730
15	Biosynthesis of Silver Nano particles from <i>Tridaxprocumbens</i>	JOurnal Of Bionanosciences, Vol-11, 1-4,2017	

	and its Antioxidant Potential:A Novel Biological Approach		
16	Total lipid, phospholipids and cholesterol content of seven marine fishes of Mumbai , Maharashtra	Advances In applied Research Vol.10, no.1, (2018) ,29-33 Peer reviewed, Indexed,	Print ISSN 0974-3839 Online ISSN 2349-2104
17	Total lipid, phospholipids and cholesterol content of six marine shrimps of Mumbai , Maharashtra	Advances In applied Research Vol.10, no.1, (2018) ,53-56 Peer reviewed, Indexed,	Print ISSN 0974-3839 Online ISSN 2349-2104
18	Metal Nanoparticles: Ligand-Free Approach Towards Coupling Reactions	Current Chinese Science	ISSN 2210-2914

Papers in peer reviewed proceedings

Sr. No	Title with page nos.	Details of conference publication	ISSN/ISBN NO.
1	Trends and issues in animal science research	UGC sponsored National Workshop on “Techniques of scientific writings” 18 th & 19 th Jan 2014	ISBN- 978-93-5156-127-9
2	Sexual harassment at work place faced by women entrepreneurs	Proceedings on Sexual Harassment (Psychological, Literary and Human Rights perspective) Jan 2014	ISBN-978-93-83183-24-1
3	Values of green chemistry Innovation Application and Technology	Proceedings on Green Chemistry a route to sustainable development 3 rd Dec 2014	ISBN- 978-81-925005-2-2 Peer reviewed
4	Comparative study of Physico-Chemical Parameters of Two temple ponds in Mumbai, Maharashtra	Proceedings on National seminar on Wetlands-present status, Ecology and Conservation 12 august 2015	ISBN- 978-81-925005-3-9
5	Abundance, Biomass of Zooplankton and its relation with Environmental Variables at Vashi creek, Maharashtra	Proceedings on National seminar on Wetlands-present status, Ecology and Conservation 12 august 2015	ISBN- 978-81-925005-3-9
6	Sand Dredging and its effects on Physico-Chemical Parameters of Estuaries	Proceedings on National seminar on Wetlands-present status, Ecology and Conservation 12 august 2015	ISBN- 978-81-925005-3-9

Articles/ Chapters in books

Sr. No	Title with page nos.	Book Title, editor & publisher	ISSN/ISBN NO.
1	Ecological study of Mankeshwar beach, Uran, Page nos. 58-59	Advances in Aquatic Ecology Editors Dr V.B Sakhare&Dr B. Vasanth Kumar Published by Daya publishing house	ISBN-978-81-7035-820-6
2	Authored Course 5 text book in Zoology for S.YB.Sc	-Genetics University of Mumbai (2016)	-ISBN:978-93-5265-705-6
3	Authored Course 5 text book in Zoology for S.YB.Sc	-Genetics University of Mumbai (2018)	-ISBN:978-93-5300-663-1

X. Community Oriented

	Particulars	Place
1	Out reach programme on awareness of snakes	Nearby schools of Parel.
2	Wild wisdom quiz for school children of Mumbai in Collaboration with WWF	M.D College
3	Earth Hour Rally to spread awareness to save electricity	Streets of Parel and BEST colony, Parel
4	Nature trail to Mahim Nature Park for International students of global college of Stockholm, Sweden- To identify snakes and other fauna	Mahim Nature Park

XI. Memberships of Academic Bodies and Professional Associations:

Life Member	IATBS.
Life Member	Indian Science Congress
Life Member	Pakshi Mitra
Life Member	Chiropterological Society of India
Life Member	Hariyali

XII. Articles/ Chapters published in Books.-

Sr. No	Title with page nos.	Book Title, editor & publisher	ISSN/ISBN NO.	Whether peer reviewed	No. of co-authors	Whether you are the main author
1	Ecological study of Mankeshwar beach, Uran,	Advances in Aquatic Ecology Editors Dr V.B Sakhare & Dr B. Vasanth Kumar Published by Daya publishing house	ISBN-978-81-7035-820-6	yes	1	yes

I hereby declare that all statements made by me in the Curriculum Vitae are true, complete & correct to the best of my knowledge

Mumbai
Date: 01/10/2023.

Signature
(Dr. C.S Panse)