

## Faculty Profile

1. **Name of the faculty:** Dr. Admuthe Namdeo Bhagwan
2. **Name of the Department:** Botany
3. **Educational qualifications:** M. Sc., B. Ed., M. Phil., Ph. D.
4. **Present position:** Assistant Professor
5. **Address for correspondence:** Annasaheb Awate College, Manchar, Dist. Pune
6. **E-mail and contact number:** namdeoadmuthe@gmail.com, 9423909080
7. **Specialization:** Cytogenetics and Plant Breeding
8. **Total teaching experience:** 16 Years
9. **Courses taught:** F. Y., S. Y., T. Y. B. Sc., M. Sc. Part I and II
10. **Research experience:** 13 Years
11. **Publication of research papers:** in peer reviewed journals, non-peer reviewed journals, conference proceedings, impact factors, UGC notified journals : 13

Sr. No.	Authors title of the paper	Name of journal	ISSN No.	Impact factor h-index	National /International
1	Rapid biosynthesis of silver nanoparticles using bottle gourd fruit extract and potential application as bactericide	Research in Pharmacy 3(3): 22-28, 2013	ISSN : 2231-539X	--	International March, 2013
2	Studies on chlorophyll contents, total carbohydrates, free amino acids and proteins of m3 mutants of horsegram (Macrotyloma uniflorum (lam.)Verdc)	International Journal of Multidisciplinary Research Vol. II. Issue 7 (V) Pp108-112	ISSN : 2277- 9302	--	International October, 2013
3	Medicinal plants used for the treatments of cough, cold and fever by the tribes of Ambegaon tehsil, Pune district, Maharashtra.	Journal of Science and Technology Bionano Frontier Vol.8 Issue-3 Pp 48-51	ISSN: 0974-0678	Global 0.8	International April, 2015
4	Medicinal plants used	WCS's	ISSN:	--	National

	for diarrhea and dysentery by the tribes of Ambegaon tehsil, Pune district, Maharashtra	National Journal of Interdisciplinary Research (NJIR) Vol.1 Issue1 Pp 36-40	2395 1419		April, 2015
5	Plants Used for the Treatment of Fever by the Tribes of Khed Tehsil Pune District, Maharashtra	Asian Journal of Multidisciplinary Studies (AJMS) Vol.4 Issue3 Pp16-18	ISSN: 2321-8819	1.498	International February, 2016
6	Biodiversity of moon moth ( <i>actias selene</i> (hubner)) From north Pune Western Ghats, Maharashtra (India)	Asian Journal of Multidisciplinary Studies (AJMS) Vol.4 Issue3 Pp 66-67 1	ISSN: 2321-8819	1.498	International February, 2016
7	Medicinal plants used for Jaundice by the tribes of Khed tehsil, Pune district, Maharashtra	Review of Research Journal Vol.5 Issue7Pp 37-40	ISSN: 2249-894X	3.1402	International April, 2016
8	Micropropagation for <i>Ehretia laevis</i> Roxb.: A rare Indian medicinal plant	International Journal of Advanced Scientific and Technical Research (IJST) Vol. 3 Issue 6 Pp 411-422	ISSN: 2249-9954	3.54	International May-June, 2016
9	Synthesis of carbon nanomaterials and their effect on the <i>in-vitro</i> growth of <i>Ehretia laevis</i> Roxb..	Vidyawarta International Multilingual Research Journal 1(1): 24-29.	ISSN: 2319-9318	4.01	International July, 2017
10	Induced Mutations in Sesame ( <i>Sesamum</i>	International Journal of	ISSN: 2320-2882	7.97	International March, 2020

	<i>indicum</i> L.)	Creative Research Thoughts (IJCRT) 8(3): 3171-3176			
11	Induced genetic variability in field pea ( <i>Pisum sativum</i> var. <i>arvense</i> L.)	International Journal of Creative Research Thoughts (IJCRT) 8(4): 1908-1912	ISSN: 2320-2882	7.97	International April, 2020
12	Ethno botanical Study of Wild Edible Plants of Khed Region, Pune District, Maharashtra, India	International Journal of Advance and Applied Research (IJAAR) 9(3):393-401	ISSN – 2347-7075	7.328	International Feb-2022
13	Medicinal Plants Used In Ethno -Veterinary Practices In Ambegaon Tehsil, Pune District, Maharashtra, India	Journal of Research & Development' A Multidisciplinary International Level Referred and Peer Reviewed Journal 13(18):120-123	ISSN: 2230-9578,	Impact Factor- 7.265,	International April 2022,

➤ **Full length Papers published in Conferences: 04**

Sr. No.	Title with page Nos. and year	Title of seminar/ conference/ workshop	Organized by	ISSN/ ISBN No.	Level
1	Medicinal plants used for hair related problems by the tribes of Ambegaon tehsil, Pune district. Book Pp 24-27 February, 2015	State Level Seminar on Recent Advances in Life Sciences Souvenir National	Bharatiya Jain Sanghatana's Arts, Science and Commerce College. Wagholi, Pune	ISBN : 978-93-84916-59-6	State Level
2	Plants used by the tribes of	International Conference on	Ratnagiri Sub-Centre,	ISBN: 978-93-	International

	Ambegaon tehsil, Pune District, Maharashtra for the treatment of Jaundice. Book Pp 499-501 March,2015	Ethical Prospects: Economy, Society and Environment A Peer-Reviewed Proceeding International	University of Mumbai P-61, MIDC, Mirjole, Ratnagiri-415639	83046-46-1	
3	Plants Used for the Treatment of Cough by the Tribes of Khed Tehsil, Pune District, Maharashtra Proceeding Book Pp 11-13 Feb., 2016	National Conference on Recent Trends in Theoretical and Experimental Sciences National	Ahmednagar College, Ahmednagar	ISBN: 978-93-83870-48-6	National
4	<i>In-vitro</i> Propagation of <i>Ehretia laevis</i> Roxb.: An Important Medicinal Plant Proceeding Book Pp196-201	National Conference on Geo-Social Perspective of Natural Resources in India National	Krantisinh Nana Patil College, Walwa, Dist. Sangli	ISBN: 978-81-930943-1-0	National

➤ **Conference/Seminar attended**

**Seminars: 27**

Sr. No.	Name of the Seminar	Name of the Sponsoring Agency	Place	Duration (days)
1	Seminar on New Trends in Plant Taxonomy	University of Pune	Bharatiya Jain Sanghatana's Arts, Science and Commerce College. Wagholi, Pune	18/12/2007
2	State Level Seminar on Water Management	University of Pune	Annasaheb Awate College, Manchar	28, 29/01/2008
3	National Seminar on Nanosized semiconductor materials	UGC, New Delhi	Annasaheb Awate College, Manchar	05 to 07/11/2009
4	State Level Seminar on Recent Trends in Biodiversity, Global	University of Pune	Annasaheb Awate College, Manchar	03 and 04/02/2012

	warming and Biodiversity			
5	National Conference on Current Trends in Life Sciences	UGC, New Delhi (WRO)	Annasaheb Awate College, Manchar	27 and 28/09/2013
6	Rastrya Bandhuta Sahitya Samelan	Rastrya Bandhuta Sahitya Samelan	Annasaheb Awate College, Manchar	11 and 12/01/2014
7.	State Level Seminar on Recent Advances in Life Sciences	SP Pune University	Bharatiya Jain Sanghatana's Arts, Science and Commerce College. Wagholi, Pune	04 and 05/02/2015
8	National Conference on Emerging Trends in Physical, Chemical and Life Sciences	UGC, New Delhi	Waghire College, Saswad, Dist. Pune	16 to 18/02/2015
9	International Conference on Emerging Trends in basic and Applied Sciences	Karmaveer Hire Arts, Science, Commerce and Education College, Gargoti, Dist. Kolhapur	Karmaveer Hire Arts, Science, Commerce and Education College, Gargoti, Tal. Bhudargad, Dist- Kolhapur	10/03/2015
10	International Conference on Ethical Prospects: Economy, Society and Environment	Ratnagiri Sub-Centre, University of Mumbai	Ratnagiri Sub-Centre, University of Mumbai P-61, MIDC, Mirjole, Ratnagiri-415639	13 and 14/03/2015
11	International Conference on Contemporary Research in Chemical and Life Sciences	Sadguru Gadage Maharaj College, Karad in Collaboration with Shivaji University, Kolhapur	Sadguru Gadage Maharaj College, Karad, Tal. Karad, Dist. Satara	22 and 23/04/2015
12	National Conference on Biodiversity and Environment	UGC, New Delhi	Arts, Commerce and Science College, Sonai, Tal. Newasa, Dist. Ahmednagar	22 and 23/01/2016
13	International Conference on Challenges and Opportunities in Education, Social Sciences, Science, Management and Technology	Rajarshi Chhatrapati Shahu College, Kolhapur	Rajarshi Chhatrapati Shahu College, Kolhapur	6 <sup>th</sup> and 7 <sup>th</sup> February, 2016
14	National Conference on Biodiversity: an Outlook and Challenges	Department of Botany, Department of Forest and Social Forestry,	D. P. Bhosale College, Koregaon, Dist. Satara	13/02/2016

		Govt. of Maharashtra		
15	National Conference on Recent Trends in Theoretical and Experimental Sciences	BCUD, SP Pune University, Pune	Ahmednagar College, Ahmednagar	17 <sup>th</sup> and 18 <sup>th</sup> February, 2016
16	National Conference on Current Trends in Biodiversity Conservation and Climate Change	UGC, New Delhi Yashwantrao Mohite College of Arts, Science and Commerce, Pune-38	Yashwantrao Mohite College of Arts, Science and Commerce, Pune – 38	24 and 25/02/ 2016
17	National Conference on Geo-Social Perspective of Natural Resources in India	UGC, New Delhi	Krantisinh Nana Patil College, Walwa, Dist. Sangli	28 and 29/07/ 2016
18	National Conference on Environment and Development	BCUD, Savitribai Phule Pune University, Pune	Dr. B.N. Purandare Arts, Smt. S.G. Gupta Com & Sci. College, Lonavala, Dist. Pune	9 <sup>th</sup> and 10 <sup>th</sup> Sept., 2016
19	International Conference on Global Environment: Issues, Challenges and Solutions	New Arts, Commerce and Science College, Parner, Tal. Parner, Dist. Ahmednagar	New Arts, Commerce and Science College, Parner, Tal. Parner, Dist. Ahmednagar	23 <sup>th</sup> Sept., 2016
20	National Conference on Current Trends in Life Sciences for Rural development	Rajarshi Shahu Arts, Comm. And Science College, Pathari	Dept. of Botany Rajarshi Shahu Arts, Comm. And Science College, Pathari, Tal. Phulambri, Dist. Aurangabad	30 <sup>th</sup> January, 2017
21	International Conference on Current Trends in Bioenergy and its Conservation	Modren College, Shivajinagar Pune 5	Modren College, Shivajinagar Pune-5	3 <sup>th</sup> February 2017
22	National Conference on Animal Dissection- Need and alternatives	BCUD, Savitribai Phule Pune University, Pune	Dr. B.N. Purandare Arts, Smt. S. G. Gupta Comm. And Science College, Lonavala, Dist. Pune	4 <sup>th</sup> February 2017
23	National Seminar on Reforms in higher Education: Challenges and Opportunities	Savitribai Phule Pune University and College Teachers Organization (SPPUCTO)	Shirdi	18- 20 Dec., 2017
24	National conference on Recent Innovation in Chemical and Environmental Sciences	Annasaheb Awate College, Manchar	Annasaheb Awate College, Manchar	30 <sup>th</sup> and 31 <sup>th</sup> January, 2018
25	State level Seminar on	Savitribai Phule Pune	Savitribai Phule Pune	15/10/2018

	Vachansadhana: Anubhuti ani Nirmiti	University, Board of Extramural Studies Senior Citizen Help Club	University, Pune	
26	Interdisciplinary Research In Chemical and Life Sciences	Maharaja Jivajirao Shinde Mahavidyalaya, Shrigonda	Maharaja Jivajirao Shinde Mahavidyalaya, Shrigonda	17 , 18 February, 2020
27	International Conference on Integrative Nanotechnology Perspective For Multidisciplinary Applications 2022	Annasaheb Awate College, Manchar	Annasaheb Awate College, Manchar	16 to 18 Jan., 2021

#### 14. A) List of Books written: 02

Sr. No.	Name of Book	Name of Publisher	ISBN/ ISSN No.	Year
1	A Text Book T. Y. B. Sc. CBCS Pattern Semester VI Paper VI Plant Breeding and Seed Technology	Nirali Prakashan, Pune 411005	ISBN 978-93-5451-410-4	February, 2022
2	Hand Book of Botany Practicals T. Y. B. Sc. CBCS Pattern Semester VI	Nirali Prakashan, Pune 411005	ISBN 978-93-5451-585-9	May, 2022

#### 12. B) Book Chapters published with ISBN No. :05

Sr. No.	Title	Name of book and publisher	ISBN/ ISSN No.	Year	National/ International
1	Ethnic information on treatments for scorpion sting Ambegaon tehsil, Pune district, Maharashtra Pp 93- 96	Emerging Research Trends in Life Sciences Bhumi Publishing Nigave Khalasa, Kolhapur 416207, Maharashtra, INDIA	ISBN: 978-81-931247-0- 3	March, 2015	National
2	Medicinal Importance of Some Weeds from Khed Tehsil, Pune District, Maharashtra Pp 171- 176	Research Frontiers in Sciences Bhumi Publishing Nigave Kalama, Kolhapur 416207, Maharashtra, INDIA	ISBN: 978-81-931247-1- 0	April, 2016	National
3	Ethno -Veterinary Plants Of Khed Area,	Sustainable Development for	ISBN- 978-81-953847-	March, 2022	International

	Pune District, Maharashtra, India Pp 268- 271	Society, Industrial Development, Material, Energy and Environment: Key Issues, Opportunities and Challenge Jyotikiran Publications, Pune	8-5		
4	Wild Edible Plants of Ambegaon Area, Pune District, Maharashtra, India Pp 325-331	Theory Perspectives and Practices Across Disciplines Dr. Eknath Mundhe S. M. Joshi College, Hadapsar, Pune-2	ISBN: 978-93-5619-925-5	April, 2022	International
5	Ethno medicinal Study of Some Weeds from Ambegaon Tehsil, Pune District, Maharashtra Pp13-19	Biodiversity and Sustainable Resource Management ( Basic to Research and Applied) Bharati Publication, New Delhi- 110002	ISBN: 978-93-91681-79-1	May, 2022	National

### 13. Participation in co-curricular and extra-curricular activities.

- Short term course on Organic farming
- Active participation of the students in BCUD and Rayat's **Avishkar**, Rayat **Inspire** project, Idea bank, Science
- **Chairman of various committees:** Vermicomposting and Medicinal Garden, Tour Committee.
- Examination Committee, Mentor Mentee Committee.
- **Professional Development Activities:** Active Participation in organizing Science exhibition at college level,
- Working committee member of Rayat Shikshan Sanstha's activity.

### 14. Refresher/Orientation/Faculty development Programme / short term courses attended

Name of the Course/ Summer School	Place	Duration		Sponsoring Agency
		From	To	
Refresher Course in Disaster	Dnyaneshwar Gramonnati Mandal's Hon. Balasaheb	23/06/2015	13/07/2015	UGC-Academic Staff College,



Management (Botany)	Jadhav Arts, Commerce and Science College, Ale, Tal. Junnar, Dist. Pune			Savitribai Phule Pune University, Pune
Orientation Course	HRDC Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	01/01/2019	30/01/2019	UGC-HRDC Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
Refresher Course on Research Methodology: Tools and Techniques	UGC-HRDC, Mizoram University, Aizwal	07/07/2020	20/07/2020	UGC-HRDC, Mizoram University, Aizwal
2 Week FDP on Managing Online Class and Co-creating MOOCS 3.0	Teaching Learning Centre, Ramanujan College, University of Delhi under PMMMNMTT	25/07/2020	10/08/2020	Teaching Learning Centre, Ramanujan College, University of Delhi under PMMMNMTT
1 Week FDP on ICT Enhanced Teaching Learning and Creating MOOCs	Teaching Learning Centre, Rumanian College, University of Delhi under PMMMNMTT	18/08/2020	25/08/2020	Teaching Learning Centre, Rumanian College, University of Delhi under PMMMNMTT
4 Week Induction Programme /Orientation Programme for Faculty in University / College / Institute of Higher Education	Teaching Learning Centre, Ramanujan College, University of Delhi under PMMMNMTT	01/09/2020	30/09/2020	Teaching Learning Centre, Ramanujan College, University of Delhi under PMMMNMTT
2 Week FDP on Learning Advanced E-tools for MOOCs Development and Research	TLC Ramanujan College University of New Delhi and Motilal Nehru College (E ), New Delhi under PMMMNMTT	01/09/2020	14/09/2020	TLC Ramanujan College University of New Delhi and Motilal Nehru College (E ), New Delhi under PMMMNMTT

STP Disaster Management	UGC HRDC, University of Hyderabad, Hyderabad 500046	07/09/2020	12/09/2020	UGC HRDC, University of Hyderabad, Hyderabad 500046
1 Week FDP on Development of Teacher's e-Kit and MOOCs in four Quadrant Format of e-Content	Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of New Delhi under PMMMNMTT	12 /09/2020	20/09/2020	Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of New Delhi under PMMMNMTT
2 Week FDP on ICT Based New Paradigms of E-Teaching and E-Learning: Digital Pedagogy	Mata Sundari College for Women, University of Delhi under PMMMNMTT	15/09/2020	30/09/2020	Mata Sundari College for Women, University of Delhi under PMMMNMTT
2 Week FDP on Research Methodology	TLC Ramanujan College, University of Delhi under PMMMNMTT	01 /10/2020	15/10/2020	TLC Ramanujan College, University of Delhi under PMMMNMTT
1 Week FDP on Applications of ICT in Teaching and Chemical Research	Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under PMMMNMTT of MHRD	06 /10/2020	10/10/2020	Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under PMMMNMTT of MHRD
FDP on Teacher, Teaching and Teacher Education : Processes, Concerns and Prospects	Mata Sundari College for Women, University of Delhi under PMMMNMTT	18 /10/2020	23/10/2020	Mata Sundari College for Women, University of Delhi under PMMMNMTT
1 Week FDP on Development and Implementation of MOOCs	TLC Ramanujan College, University of Delhi under PMMMNMTT	21/10/2020	27/10/2020	TLC Ramanujan College, University of Delhi under PMMMNMTT

1Week FDP on New Trends in Higher Education: NEP 2020 and Pedagogical Transformation	MHRD UGC- HRDC, SPPU and New Arts, Commerce and Science College, Ahmednagar	22 /10/2020	28/10/2020	MHRD UGC- HRDC, SPPU and New Arts, Commerce and Science College, Ahmednagar
FDP on Towards Quality Higher Education through NEP-2020	Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under PMMMNMTT of MHRD	27 /10/2020	02/11/2020	Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under PMMMNMTT of MHRD
1Week FDP on Advanced Pedagogical Techniques	TLC Ramanujan College, University of Delhi under PMMMNMTT	29 /10/2020	05/11/2020	TLC Ramanujan College, University of Delhi under PMMMNMTT
2 Week Interdisciplinary Refresher Course in Advanced Research Methodology	TLC Ramanujan College, University of Delhi under PMMMNMTT	17/06/2021	01/07/2021	TLC Ramanujan College, University of Delhi under PMMMNMTT
2 Week Refresher Course in Natural Sciences	TLC Ramanujan College, University of Delhi under PMMMNMTT	20/09/2021	04/10/2021	TLC Ramanujan College, University of Delhi under PMMMNMTT

**15. Conferences, seminars, symposia and workshops organized as convener/coordinator:**

<b>Sr. No.</b>	<b>Name of Conference/ Funding agency/</b>	<b>Place and Dates of conference</b>	<b>Position held</b>	<b>National/ International</b>
1	International Conference on Integrative Nanotechnology Perspective For Multidisciplinary Applications 2022	Annasaheb Awate College, Manchar 16 to 18 January, 2022	Organizing Member	International