

Dr. Jagannath Dadabhau Barshile

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Sr. No.	Description	Details
1	Name	Dr. J. D. Barshile
2	Date of Birth	1 st June 1967
3	Designation	Professor, Dept. of Botany
4	Official address	Shri Anand College, Pathardi, Tal. Pathardi, Dist. Ahmednagar, Maharashtra, PIN 414 102.
5	Residential Address	'Shreya' Niwas, Shevgaon-Pathardi road, Anandnagar, Pathardi Dist. Ahmednagar
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Educational Qualifications:

Qualifica-tion	University/Board	Class	College	Year
S.S.C.	Pune	First	-	1983
H.S.C.	Pune	Second class	New Arts College, A.Nagar	1985
B.Sc.	University of Pune, Pune	First class with Distinction	New Arts College, A.Nagar	1988
M. Sc.	University of Pune, Pune	First class	P.V.P.College, Loni	1990
Ph. D.	University of Pune, Pune	Awarded	P.V.P.College, Loni	2006

Title of thesis : Induction of genetic variability employing SA, EMS and gamma radiation in chickpea (*Cicer arietinum* L.)

Teaching experience:

Duration	Designation	Institution	Experience
18/11/1990 to 20/04/1991	Assistant Professor	New Arts, Com. and Science College, Shevgaon	1 year
08/08/1991 to till today	Assistant Prof. to Professor	Shri Anand College, Pathardi	32 years

Orientation and Refresher Courses Attended:

1. Attended and completed an Orientation Programme conducted by the Academic Staff College, University of Poona, Pune-7, from 3-8-1996 to 30-08-1996, under the UGC scheme.
2. Completed a Refresher Course in Botany, conducted at Botany Department by the Academic Staff College, Dr. Babasaheb Ambedkar Marathwada University, from 3-7-1999 to 30-7-1999, under the UGC scheme.
3. Completed a Refresher Course in Life Science, conducted at Botany Department by the Academic Staff College, Dr. Babasaheb Ambedkar Marathwada University, from 7-3-2007 to 27-3-2007, under the UGC scheme.
4. Completed a Refresher Course in Environmental Studies (All faculties), conducted at the Academic Staff College, Dr. Babasaheb Ambedkar Marathwada University, from 6-3-2008 to 26-3-2008, under the UGC scheme.
5. Completed Short term course in Research Methodology in Science at Dr. Babasaheb Ambedkar Marathwada University, Aurangabad during. 6-11-2015 to 7-11-2015

13. Research Publications:

Sr. No.	Title of the publication	Name of Journal, Volume, Year, Pages, ISSN/ISBN number	Status Peer reviewed or UGC listed /Impact Factor / AuthorStatus
1	Mutagenic sensitivity studies in chickpea (<i>Cicer arietinum</i> L) employing SA. EMS, and Gamma rays.	Indian Journal of Pulses Research Volume 19 (1): 43-46, June-2006 Print ISSN:0970-6380 Online ISSN:0976-2434	Peer Reviewed Journal Impact Factor 0.414 Corresponding Author

2	Mutagenic effectiveness and efficiency of EMS, Sodium Azide and Gamma Radiation in Chickpea (<i>Cicer arietinum</i> L.).	Journal of Nuclear Agriculture and Biology. 35 (3&4): 180-188. December-2006 Print ISSN: 0970-6380	Peer Reviewed Journal Corresponding Author
3	Frequency and spectrum of chlorophyll mutants in mungbean.	Indian Journal of Pulses Research Volume 20 (2): 156-157, December-2007 Print ISSN:0970-6380 Online ISSN:0976-2434	Peer Reviewed Journal Impact Factor 0.414 Co-author
4	Induced variability in Chickpea through EMS, SA and Gamma radiation. Journal of Food Legume. 20 (1): 38-40.	Indian Journal of Pulses Research Volume 20 (1): 38-40, June-2007 Print ISSN:0970-6380 Online ISSN:0976-2434	Peer Reviewed Journal Impact Factor 0.414 Two-Authors
5	Induced Genetic Variability for Yield Contributing Traits in Chickpea (<i>Cicer arietinum</i> L.) employing EMS, SA and GR.	Advances in Plant Sciences. 21(II) 663-667., October-2008 ISSN No. :0970-3586	Peer Reviewed and UGC Approved Journal No. 1465 ICI source Corresponding Author
6	Genetic enhancement of chickpea (<i>Cicer arietinum</i> L.) through induced mutagenesis. 22 (1): 26-29.	Journal of Food Legume. 22 (1): 38-40, March-2009 Print ISSN:0970-6380 Online ISSN:0976-2434	Peer Reviewed Journal Impact Factor 0.414 Corresponding Author
7	Genetic improvement of chickpea (<i>Cicer arietinum</i> L.) cultivar 'vijay'(Phule G 81-1-1) through induced mutagenesis.	<i>Bioremediation, Biodiversity and Bioavailability</i> 6 (Special Issue 1), 103-106., October-2012 ISSN:1749-0596 ISBN:978-4-903313-96-2	Peer Reviewed Journal Two-Authors
8	Gamma radiation induced gigas mutant in Chickpea..	'Flora and Fauna' An International Journal of Biological Science, Volume 19, Special Issue 1, pp.147-49, Sept-2013 ISSN 0971-6920	Peer Reviewed And UGC Approved Single Author
9	Induced early mutant in Chickpea (<i>Cicer arietinum</i> L.) cultivar 'Vishwas) (Phule G-	Flora and Fauna: An International Journal of Biological Science,	Peer Reviewed And UGC Approved

	5).	Volume 19, Special Issue Vol. 2, No. 1, pp.176-178, 2014 ISSN 0971-6920	Single Author
10	Genetic improvement of chickpea (cultivar 'Vishwas' Phule G-5) through induced mutagenesis.	Bioinfolet Vol. 12, No. 4A, pp. 828-83,. 2015 IIFR Impact factor: 5.3612; NAAS Rating 3.75. ISSN: 0973-1431, online ISSN : 0976-4755.	Peer Reviewed Journal Impact Factor 2.221 Single Author
11	Frequency and spectrum of induced viable macromutants in chickpea (<i>Cicer arietinum</i> L.) cultivar 'Vishwas'.	International Letters of Natural Sciences Vol. (2015) p.p.1-10. ISSN No. 2300-9675	Peer Reviewed Journal Single Author
12	Chemical mutagenesis induced small leaf mutant in chickpea (<i>Cicer arietinum</i> L.)	International Journal of Researchers in Biosciences, Agriculture and Technology. Vol.4(1) : p.p.10-13. Jan. 2016 e-ISSN: 2347-517X.	Peer Reviewed And UGC Approved Journal no. 2658 Single Authors
13	Characterization of an early seed mutant in chickpea cultivar Vijay	Flora and Fauna Vol. 2(2),p.p.243-246. 2017 (Special issue). ISSN 0971-6920	Peer Reviewed And UGC Approved Single Author
14	Characterization of Bold Seed mutant in chickpea cultivar Vijay.	International Journal of Researchers in Biosciences, Agriculture and Technology. Vol.VI(special issue 2), Feb. 2018:01-08, p.p. 17-20 e-ISSN: 2347-517X.	Peer Reviewed And UGC Approved Journal no. 2658 Single Authors
15	Micropropagation of chickpea from shoot tip and node segment	Flora and Fauna: An International Journal of Biological Science, 2018 Vol. 24, No. 2, pp.176-178. ISSN 2456-9364 (Print) ISSN 0971-6920 (Print)	Peer Reviewed NAAS rating:4.55 And UGC Approved Single Author
16	Micropropagation of medicinal plant <i>Plectranthus barbatus</i>	International Journal of Researchers in Bioscience Agriculture and	Peer Reviewed And UGC Approved Journal no. 2658

		Technology. Issue (VIII) Vol. II, May. 2020 :p.p. 121-124 e-ISSN: 2347-517X.	Single Authors
17	Improving bold seed mutant in chickpea using induced mutagenesis	Vol.VI, Issue 5, 2021:p.p. 1449-1451 ISSN: 2455-541X	Peer Reviewed and UGC Approved Corresponding Author
18	Phytoplanktonic diversity study in Deothan reservoir (Maharashtra)	Vol. 6, Issue 5, 2021, P.p. No. 1536-1541	Peer Reviewed and UGC Approved Corresponding Author

14. Paper presentation in Seminars/ Conferences:

Sr. No.	Title of the Invited lectures / Resource Person/ paper presentation in Seminars/ Conferences/full paper etc.	Name and Venue of the conference/Seminars	Type / Status
1	Estimation of frequency and spectrum of chlorophyll in chickpea (<i>Cicer arietinum</i> L).	National conference on Plant diversity and Biotechnology, held at post graduate department of Botany, S.S.V.P.S's L.K.Dr. Ghogrey Science College, Dhule Dhule, India. 10-11 December 2004: Proceeding p.p.219-223.	National conference: Proceedings
2	Presented paper entitled 'Promising mutant in Mungbean'	International conference on Biosciences, Biotechnology and biodiversity Analysis organized by P.G. research centre, Dept. of Botany Modern College, Pune. 15-17 October 2005.	International Conference
3	Study of spectrum and frequency of induced viable mutations in chickpea (<i>Cicer arietinum</i> L) employing SA. EMS, and Gamma rays.	National conference in Plant Sciences. Organized by P.V.P. College, Pravarnagar. March 10-12, 2005. Editors: Dr. S.D. Pingle and Dr. B.J. Apparao. Proceeding P.p. 238-243.	National conference: Proceedings
4	Study of mutagenic variability in yield components of chickpea (<i>Cicer arietinum</i> L.)	National conference in Plant Sciences. Organized by P.V.P. College, Pravarnagar. March 10-12, 2005.	National conference: Proceedings

	employing SA. EMS, and Gamma rays.	Editors: Dr. S.D. Pingle and Dr. B.J. Apparao. Proceeding P.p. 204-208.	
5	Presented paper entitled 'Enhancement of induced genetic variability in Chickpea	National Symposium on legumes for ecological sustainability: emerging challenges and opportunities by Indian Institute of Pulses Research, Kanpur. 3-5 November 2007.	National Symposium
6	Genetic improvement of Chickpea (<i>Cicer arietinum</i> L.) using induced mutations.	International Symposium on Induced Plants Mutations held at Vienna (Austria), Organized by IAEA/FAO during 12-15 August, 2008. Induced Plant Mutations in the genomic Era, FAO, Rome, 2009, Proceedingp.p. 101-104. ISBN No. 978-92-5-106324-8	International Conference Proceedings [Abroad] Austria, Vienna
7	Presented paper on mutation in chickpea	Regional conference for Pune Univerity College Techers "Innovation-2009", 19-20 December 2009. At Vidya Pratishthans Arts, Science and Commerce College, Baramati	Regional conference for Pune
8	Induction of Viable Mutations in Chickpea (<i>Cicer arietinum</i> L.) Employing Chemical and Physical Mutagenesis.	National conference on Biodiversity, Biotechnology and climate change (NCBBC-2012) organized by department of Life science, Arts, Commerce and Science College, Sonai, Dist. Ahmednagar, during 26-28 July 2012.p.p.55-58 ISBN No. 978-93-81921-23-4	National conference: Proceedings
9	Presented paper entitled "Antidibetic activity of aqueous extract of <i>Nyctanthes arbortristis</i> L. leaves on alloxan induced diabetic rabbit	National conference on Current prospects and challenges in life sciences sponsored by UGC, DST and University of Pune and organized by department of Botany, New Arts, Commerce and Science College, Ahmednagar, during 26-27 July, 2013.	National conference
10	Presented paper entitled" Study of fertigation effect of Sewage on Agronomical Practices of <i>Trigonella feenum-graecum</i> L. (Fenugreek).	Plant Sciences and Biotechnology sponsored by UGC and organized by department of Botany, New Arts, Commerce and Science College, Shevgaon, on 2- 3, August, 2013.NSHVPSB Proceeding p.p. 68-70. ISBN no. 978-81-924820-4-0	National seminar: Proceedings

11	Presented paper entitled "Study of effect of mutagenesis on yield contributing traits in chickpea"	National seminar on Global warming and its effects on Biodiversity organized by department of Botany, New Arts, Commerce and Science College, Shevgaon, 27-28th Dec. 2013. Proceeding p.p. 105-110. ISBN- 978-81-928760-0-9.	National seminar: Proceedings
12	Presented paper entitled "Colchicine induced polyploidy in <i>Plectranthus</i> for higher yield of Forskolin".	National Conference on Upcoming Trends in Chemical Science organized by department of Chemistry, 6-7 September 2013, UTCS proceeding p.p. 146-148. ISBN 978-81-905776-99-9	National Conference: Proceedings
13	Induced mutagenesis for early mutants in chickpea cultivar 'Vijay'	State Level conference on Recent advances in plant sciences sponsored by Savitribai Phule Pune University organized by department of Botany, Jijamata college of Science and arts, Bhende, 16-17 January, 2015.	State Level: conference
14	Presented paper entitled " Gamma radiation induced early mutant in chickpea (<i>Cicer arietinum</i> L.) cultivar 'Vijay'(Phule G-81-1-1)	State Level conference on 'opportunities, challenges and prospect in life sciences' .Organized by Dept. Botany and Zoology, Shri Anand College, Pathardi. 2-3 February 2016, Proceeding p.p. 24-27. ISBN No. 978-93-5158-595-4.	State Level: conference
15	Presented paper in National conference entitled "Micropropagation of medicinal plant <i>Plectranthus barbatus</i> "	National conference on 'Current Trends in Bio-sciences, Medicinal plants, their scientific validation and novel applications, organized by Dept. of Botany P.V.P. College Pravaranagar in collaboration with Mahatma Phule Krishi Vidyapeeth, Rahuri, 10-11 December 2016.	National Conference
	Presented paper in National conference entitled "Characterization of an early mutant in Chickpea"	National conference on 'Industry, Academia and environmental challenges, organized by Radhabai Kale Mahila Mahavidyalaya, Ahmednagar, during 22-23 December 2017.	National Conference
16	Presented Paper	Interdisciplinary National	National

	"Characterization of Bold Seed mutant in chickpea through induced chemical mutagenesis"	conference on Bioinspired Material in Science, organized by Dept. of Chem. New Arts, Com. and Science college, Ahmednagar. 19-20 January 2018. Proceeding P.p. 68-73, ISBN: 978-93-83401-56-7.	Conference: Proceedings
17	Presented paper in conference seminar Entitled "Plant tissue culture of root nodule of cowpea"	National seminar on Role of microorganisms in Agriculture and plant Science for Sustainable development sponsored by Dr. Babasaheb Ambedkar Marathwada University Aurangabad and organized by department of Botany Smt. Shantabai Kantilal Gandhi, Amlok Science and Panalal Hiralal Gandhi Commerce College, Kada, on 16 th February, 2018.	National Seminar
18	Characterization of Bold Seed mutant in chickpea	State level conference on Biodiversity of Maharashtra organized by department of Life science, Arts, Commerce and Science College, Sonai, Dist. Ahmednagar, during 25-26 February 2018	State level conference
19	Micropropagation of Gloriosa superba	State level seminar on 'emerging trends in biodiversity conservation' organized by K.J. Somaiya College of Arts, Commerce and Science, Kopargaon, during 7-8 January, 2019.	State level seminar
20	Study the effect of sewage water on growth of Fenugreek	State level seminar on 'Recent trends in organic farming' organized by Department of botany Shri Dnyaneshwar Mahavidyalaya, on 1 st and 2 nd Feb. 2019.	State level seminar
21	Micropropagation of medicinal plant Plectranthus barbatus	International conference on "Climate change and its effect on biodiversity, commerce and economics" organized by Arts, Commerce and science college, Sonai, 28-29 February, 2020.	International conference

(Dr. J. D. Barshile)