

Name of the Faculty Member: Dr. Dhanshree Bharat Jadhav

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Publications:

A. Research articles:

S. No	Author Name	Journal	Publication Title	Impact Factor/
1.	Dhanshree B. Jadhav ¹ V. M. Bhale ² A. N. Paslawar ³	Environment, Development and Sustainability. 3 January 2023 https://doi.org/10.1007/s10668-023-02915-9	Assessment of soil physico-chemical and biological properties as influenced by different biomanures under organic cotton production	NAAS 10.08 and IF 4.08
2.	Dhanshree B. Jadhav ¹ · V. M. Bhale ² · A. N. Paslawar ³	Agriculture, Ecosystems and Environment (Accepted) 23 January, 2025	Optimization of organic cotton traits through different biomanures under Sub-tropical climatic condition	NAAS 12 and IF 6.0
3.	Dhanshree B Jadhav , VM Bhale, AN Paslawar, VK Khobarkar, ND Parlawar and MR Deshmukh	The Pharma Innovation Journal, 2021 ; 10(7): 985-987	Effect of Biomanuring on Earthworms population under organic cotton	5.23
4.	Dhanshree B Jadhav , VM Bhale, AN Paslawar, ND Parlawar, MR Deshmukh and VK Khobarkar	The Pharma Innovation Journal 2021 ; 10(11): 579-582	Response of bio-inputs on microbes under organic cultivation	5.23

5.	Dhanshree B. Jadhav	ECOLOGY, ENVIRONMENT AND CONSERVATION, 0971 - 765 X May 2024	Effect of different varieties and spacings on growth and yield of cowpea (<i>Vigna unguiculata</i> L. Walp)	5.41
6.	Dhanshree B. Jadhav	ECOLOGY, ENVIRONMENT AND CONSERVATION 0971 –765 X issue 2, 2024	Yield maximization of cowpea (<i>Vigna unguiculata</i> L. Walp) through different spacings and varieties in Marathwada region of Maharashtra	5.41
7.	S.K. Krishna1, V.P. Suryavanshi2* and D.B. Jadhav1	International Journal of Current Microbiology and Applied Sciences, ISSN: 2319-7706, (2017) Special Issue-5: 154-158	Production Constraint Analysis of Niger (<i>Guizotia abyssinica</i> L. Cass) in Vertisol	5.38
8.	Manjushri B. Kawade, D.B. Jadhav* and S.P. Arshewar	International Journal of Current Microbiology and Applied Sciences, 2018 , ISSN: 2319-7692 Special Issue-6 pp. 2189-2196	Effect of Micronutrients on Growth, Yield and Quality of Sunflower in Kharif Season	5.38
9.	U. K. Ade*, A. S. Dambale and D. B. Jadhav	International Journal of Current Microbiology and Applied Sciences, 2018 , ISSN: 2319-7706 Special Issue-6 pp. 1408-1416	Effect of Phosphorus and Biofertilizer on Growth, Yield and Economics of Pigeonpea (<i>Cajanus cajan</i> L. Millsp.) Under Rainfed Condition	5.38
10.	U. K. Ade*, A. S. Dambale and D. B. Jadhav	International Journal of Current Microbiology and Applied Sciences, 2018 , ISSN: 2319-7706 Special Issue-6 pp. 1427-1434	Growth and Yield of Pigeonpea (<i>Cajanus cajan</i> L. Millsp) as Influenced by Phosphorus and Biofertilizer	5.38
11.	B. R. Anilkumar, V.P. Suryavanshi* And D. B. Jadhav	<i>Trends in Biosciences</i> 2018 11(25), Print : ISSN 0974-8431, 3399-3402.	Effect of Planting Pattern and Fertilizer Levels on Growth and Yield of Niger (<i>Guizotia abyssinica</i> L. Cass)	3.94

12.	Yasodha Devi Janni, Dhanshree Bharat Jadhav , Samudrala Madhu Sudhan and Pankaj Kumar	The Pharma Innovation, 2023 , Journal 12(4) 2624-2630	Response of different varieties, planting density and sowing window on field crops: A review	5.23
13.	Samudrala Madhu Sudhan, Dhanshree Bharat Jadhav , Yasodha Devi Janni and Pankaj Kumar	2023 , The Pharma Innovation Journal 12(5) 715-723	Response of integrated nutrient management on green gram: A review	5.23
14.	Pankaj Kumar, Dhanshree Bharat Jadhav , Samudrala Madhu Sudhan and Yasodha Devi Janni	2023 , The Pharma Innovation Journal 12(6) 1961-1968	Bio-fortification through Major and Minor nutrients: A review	5.23
15.	Surya Dev Singh, Dhanshree Bharat Jadhav , Sushant Sukumar Patil, Avani Hari and Achala Aggarwal	2023 , ECOLOGY, ENVIRONMENT AND CONSERVATION, 29 (4) 195-198	Studies on growth and yield of sesame (Sesamum indicum) as influenced by different levels of nitrogen and nano urea	5.41
16.	Aman Prakash and Dhanshree B Jadhav	International Journal of Research in Agronomy 2024 ; 7(4): 341-347. DOI: https://doi.org/10.33545/2618060X.2024.v7.i4e.574	Impact of different bio-fertilizers, seaweed extract and nutrients on the production of oilseed crops: A review	5.20
17.	<u>K Laxmi Prasad</u> , Harshal Wadatkar, Dhanshree Jadhav and Harinath Reddy	Asian Journal of Soil Science and Plant Nutrition 10(3):191-207, DOI: 10.9734/ajsspn/2024/v10i3331 , June 2024	Effect of Varieties and Nutrient Management on Growth and Yield of Wheat Crop under Irrigated Condition (Triticum aestivum L.)	5.06

18.	Surya Dev Singh ¹ , Sushant Sukumar Patil ¹ , Dhanshree Bharat Jadhav¹ , S.M. Birunagi ¹ , K. Karmakar ¹ , N. Saini ¹ , Avani Hari ¹	Agricultural Science Digest Feb, 26, 2025 , doi 10.18805/ag.D-5886	Response of Soil Applied Urea and Foliar Applied Nano Urea on the Growth, Yield and Quality of <i>Kharif</i> Sesame (<i>Sesamum indicum</i>) under the Central Plain Agro-climatic Zone of Punjab	5.52
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B. Popular Articles:

1	Dhanshree Bharat Jadhav	Big Data: Impact, Utility, Role And Advantages In Today's Agriculture	Just Agriculture	2582-8223, Volume 2, 10,	June 2022
2	Pankaj Kumar, Dhanshree Bharat Jadhav and Sourabh Kumar	Biofortification: An Approach To Boost Micronutrients In Crops	Agri Journal World	ISSN number (2583-4339) Page No. 8, VOLUME 2 ISSUE 6 JUNE,	2022
3	Abhinav and Dhanshree B. Jadhav	Scientific Cultivation Of Baby Corn	Agri Journal World	ISSN number (2583-4339) Page No. 21, VOLUME 2 ISSUE 6 JUNE,	2022
4	Yasodha Devi Janni and Dhanshree Bharat Jadhav	Aquaponics : Uses, Cultivation And Beneficial Effects	Just Agriculture	2582-8223 Vol.9, Article ID: 005	May 2022
5	Samudrala Madhu and Dhanshree Bharat Jadhav	Aeroponics: Importance, Need And Advantages	Agri Journal World	ISSN: 2583-4339, VOLUME 2, ISSUE 8	SEPTEMBER, 2022
6	Biradar Sanket Sangamnath and Dhanshree Bharat Jadhav	Bioplastics from agricultural waste: A sustainable solution for the environment	The Agriculture Magazine	ISSN : 2583-1755 VOL 3 ISSUE 3	December 2023
7	Dhanshree Bharat Jadhav and Aman Prakash	Artificial Intelligence in Agriculture: Role, Challenges and	The Agriculture Magazine	ISSN : 2583-1755 VOL 3 ISSUE 6 page no. 264-270	February, 2024

		Benefits			
8	Dhanshree Bharat Jadhav and Sayan Kumar Barik	Biofertilization: A sustainable solution for field crops	The Agriculture Magazine	ISSN : 2583-1755 VOL 3 ISSUE 6 Page no. 271-275	February, 2024
9	Dhanshree Bharat Jadhav	Crop Residue Management: Sustainable Practices for Agricultural and Environmental Health	The Agriculture Magazine	ISSN: 2583-1755 Volume 4, Issue 02, Page no. 756-758	October 2024
10	Dhanshree Bharat Jadhav	Contingency Crop Planning in Agriculture: Strategies for Climate Resilience and Crop Security	The Agriculture Magazine	ISSN: 2583-1755 Volume 4, Issue 02, Page no. 801-805	October 2024

C. Book Chapter

1	Surya Dev Singh and Dhanshree Bharat Jadhav	Integrated Weed Management with Non Chemical Methods	Weser Books	ISBN: 978-3-96492-425-4, Volume 11, Page 1-20	2022
2	Aman Prakash and Dhanshree B Jadhav	Impact of carbon sequestration on soil health	Weser books, Advances in Agriculture and life sciences	volume 14, 2024, ISBN: 978-3-96492-570-1. PAGE NO. 25-59.	2024
3	Dhanshree Bharat Jadhav and Aman Prakash	Advanced Technologies and Automation in Agriculture	Integrated Publication , Current Inovations in Agronomy	volume 07,2024	2024
4	Dhanshree Bharat Jadhav and Biradar Sanket Sangamnath	Revolutionizing Agriculture: How Mechanization,	Integrated publication , Emerging	Volume-16, 2024, ISBN: 978-93-5834-	2024

		Automation and Robotics are Transforming the Industry	Trends in Agriculture Sciences	376-2, DOI: https://doi.org/10.62778/int.boo k.402	
5	Harshal Wadtkar, K Laxmi Prasad and Dhanshree Bharat Jadhav	Crop Management using Agricultural Waste	Integrated publication , Natural Resource Managem ent and Environme ntal Security	volume 05, 2024, ISBN:978-93-5834-190-4,DOI: https://doi.org/10.62778/int.boo k.411 .	2024
6	Narayana Varma, Harshal Vasantao Wadtkar and Dhanshree Bharat Jadhav	Conservation Agriculture: Principles, Opportunities and challenges	Akinik Publication s, Advances in Agriculture Sciences	volume 46 (published)	2024
7	Dhanshree Bharat Jadhav	Organic Cotton: A Need of Global Market Strategies to Increase its Productivity in Rainfed Region	Helmand Books, Emerging Research in Agriculture Science	Volume – 1	2024
8	Dhanshree Bharat Jadhav and Sayan Kumar Barik	Soil organism: An its role in today's agriculture	Bright sky publication Advances in Environme nt and Natural Resources	(Volume – 3)	2024
Edited books					
1	Dr. Dhanshree Bharat Jadhav (editor)	“Recent Advances in Agriculture Sciences	Helmand Books	Appointed as Editor	08-05-2024
2	Dr. Dhanshree Bharat Jadhav (Chief editor)	Advanced Technology and Automation in	Scripown Publicatio n	Appointed as Chief Editor	2024

		Agriculture (Volume - 1)			
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D. Scientific Contribution:

Patents filed/ Copy Right granted / Published			
Sr. No.	Title	Registration No.	Year
Patents (National and International)			
1	Methods for preparation of biomanure for plants	202311020189 A (National Patent Published by India)	19/05/2023
2	Biofertilization-morpho-qualitative traits of organic cotton based cropping system under subtropical environmental conditions	202311057650 A (National Patent Published by India)	29/09/2023
3	Ein system zur durchfuehrung einer bewertung von boden der mit verschiedenen bioduengern behandelt wurde	20 2023 105 137 (International Patent Granted by Germany)	25/ 09/ 2023
4	A system for optimizing cotton yield and quality	202411003416 (National Patent Published by India)	09/02/2024
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1	Biofortification through sulphur and zinc and its impact on yield, quality and economics of upland groundnut <i>Arachis hypogaea L.</i>	L- 138262/2023	13/12/2023
2	Studies on growth and yield of cowpea (<i>Vigna unguiculata</i> L. Walp) varieties as influenced by Different spacings	4347/2024-CO/L	08/02/2024
3	Evaluation of morpho-qualitative traits of maize (zea mays l.) under different sowing dates, varieties and planting densities	17202/2024-CO/L	29/05/2024

4	Studies on growth, yield and quality of sesame (sesamum indicum) as influenced by different levels of nitrogen and nano urea	16584/2024-CO/L	23/05/2024
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