


# Curriculum vitae

<b>Name</b>	<b>Dr. Dnyaneshwar Arjun Madane</b>	
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<b>Corresponding Address</b>	Department of Soil Science, School of Agriculture, LPU, Punjab- 144411	
<b>Permanent Address</b>	At : Telagaon (Kh), Post. Talkhed, Tha. Manjalgaon, Dist: Beed, Maharashtra- 431129	
<b>Mobile no</b>	9552055636	
<b>Gender</b>	Male	
<b>Date of Birth</b>	05/04/1987	
<b>Marriage Status</b>	Married	
<b>Language (Speak/write/Read)</b>	Marathi, Hindi and English	

## Career Profile

Enthusiastic and self motivated agricultural engineer with two years of professional experience in the mentioned field. Seeking a position as an Assistant Professor – Irrigation and Drainage Engineering to utilize my skills and knowledge in a renowned agricultural firm.

## Professional strengths

- In-depth knowledge of agricultural irrigation water management
- Ability to maintain and establish good working relationships with team.
- Ability to generate innovative policies and to extend the government policies into practice
- Familiar with operating systems like Microsoft Word, PowerPoint, Excel and the Internet
- Possess good solving skills and ability to work independently
- Extensive knowledge of the methods and materials used in irrigation and soil conservation practices
- Ability to work independently and as part of a team
- Building laboratories to carry out quality research and practical learning
- Ability of great patience, effort and skills for scientific research

### Academic qualifications

Degree	Faculty	University	Year	Percent	Class
Ph.D	Irrigation and Drainage Engineering	Dr. BSKKV, Dapoli	2018	83.60	1 <sup>st</sup>
M.Tech	Irrigation and Drainage Engineering	VNMKV, Parbhani	2012	76.40	1 <sup>st</sup>
B.Tech	Agricultural Engineering	VNMKV, Parbhani	2010	72.27	II <sup>nd</sup>
HSC	Science	Aurangabad Board	2006	74.50	1 <sup>st</sup>
SSC	-	Aurangabad Board	2003	72.80	1 <sup>st</sup>

### ❖ Publications

Sl. No.	Author/ Authors	Authors/Title of research paper / Vol. and page no.	NAAS Journal Code
1.	First	<b>Madane, D. A.</b> , Missal, N. B. and Kasal, Y, G. 2019. Effect of various Irrigation and Fertigation Levels on Sweet Orange Under Drip Irrigation. <i>Plant Cell Biotechnology and Molecular Biology</i> , Vol.20 (5 &6) :200-203. ISSN : 0972-2025	4.31
2.	First	<b>Madane, D. A.</b> , Bhargaw, A., and Changade, N, M. 2019. Effect of Different Priming Techniques on Quality and its attributes in baby corn ( <i>Zea mays</i> L.). <i>Plant cell biotechnology and molecular biology</i> , Vol.20 (5 &6) :248-253. ISSN : 0972-2025	4.31
3.	First	<b>Madane, D. A.</b> , M. S. Mane. and U. S. Kadam., 2018. Effect of pulse irrigation (drip) through different irrigation levels on soil moisture distribution pattern and yield parameters of white onion ( <i>Allium Cepa</i> L.). <i>Journal of Pharmacognosy and phytochemistry</i> , Vol.7(4):2421-2428. ISSN : 2278-4136	5.21
4.	First	<b>Madane, D. A.</b> , M. S. Mane., U. S. Kadam., R. T. Thokal., S. B. Nandgude, J. S. Dhekale and S. T. Patil. 2018., Study on pulse irrigation (drip) influencing through different irrigation levels on growth, yield and quality parameters of white onion ( <i>Allium Cepa</i> L.). <i>Plant Archives Journal</i> , Vol. 18 No. 1, 2018 pp 365-371. ISSN : 0972-5210.	4.41
5.	First	<b>Madane, D. A.</b> , M. S. Mane., U. S. Kadam and R. T. Thokal., 2018. Effect of pulse irrigation (drip) through different irrigation levels on soil moisture distribution pattern and yield parameters of white onion	4.41

		( <i>Allium Cepa L.</i> ). <i>Plant Archives Journal</i> , Vol. 18 (1): 1065-1073. . ISSN : 0972-5210.	
6.	First	<b>Madane D. A.</b> , M. S. Mane., U.S. Kadam and R. T. Thokal., 2017. Study of white onion ( <i>Allium Cepa L.</i> ) on yield and economics under pulse irrigation (drip) for different irrigation levels. <i>International Journal of Agricultural Engineering</i> . Vol. 11, issue 1, ISSN No. 0976-7223.	4.43
7	First	<b>Madane, D. A.</b> , M. S. Mane., U. S. Kadam., R. T. Thokal., S. B. Nandgude, J. S. Dhekale and S. T. Patil., 2017. Effect of pulse irrigation (drip) under different irrigation levels on yield and economics of white onion production. <i>International Journal of applied Agricultural and Horticultural sciences</i> , Vol. 8, issue 6, ISSN No. 0974-0775	4.13
8	Second	H. W. Awari, <b>D.A. Madane</b> and U.M. Khodake (2015) Response to quality attributes of sweet orange ( <i>Citrus sinesis</i> ) under different methods and fertigation levels. <i>New Agriculturist Journal</i> , Vol, 26 (2): 219-224. ISSN No. 0971-0647.	4.16
9.	Third	Bhargaw A., Akanksha., <b>D. A. Madane.</b> , and Priyamvada Chauhan., 2019 Effect of halopriming, Osmopriming and hydropriming on fresh and accelerated aged seeds of baby corn ( <i>Zea Mays L.</i> ) on germination, seedling dry weight and seedling length. <i>International Journal of Current Microbiology and Applied Science</i> , Vol.8(5): 1474-1479. ISSN No. 2319-7706.	5.38
10	Third	Satwinder S. B., Misal N. B., <b>Madane D. A.</b> , and Krittika (2019) Nutrient Content on Maize (c L.) affected by different levels of organic and Inorganic Fertilizers. <i>Plant Cell Biotechnology and Molecular Biology</i> , Vol 9(10): 375-378.	4.31
11	First	<b>Madane, D. A.</b> , M. S. Mane., U. S. Kadam., R. T. Thokal., S. T. Patil, S. B. Nandgude and J. S. Dhekale., 2018. Effect of pulse irrigation (drip) influencing different irrigation levels on growth and yield parameters of white onion. <i>Advancement Agricultural Research and Technology Journal</i> . Vol. 2(2): 228-234.	First Issue
12	First	<b>Madane, D. A.</b> , Mane M. S. and U. S. Kadam, 2018. Study on white onion ( <i>Allium Cepa L.</i> ) growth yield and economics under pulse (drip) irrigation. <i>Journal of Allium Research</i> 1(1):44-50	First Issue

❖ **Professional trainings/Seminars attended Radio/T.V. Programmes/Games & Sports /Extra-curricular activities etc.**

Sl. No.	Item/Programme	Topic	Details of programme	Venue of programme
<b>Professional Trainings</b>				
1.	One month tractor and farm equipment training programme	Training on tractor , farm equipment, irrigation pumps, its installation and maintainace	01/05/2008 to 30/05/2008	Tractor and Farm Equipment At Northern region Farm Tractor Training and Testing institute, Hissar (H.R.)
2.	One month training programme on micro irrigation	Training on micro irrigation design, installation, maintenance and repairs	25/06/2012 to 24/07/2012	Jain Irrigation system Ltd At Jalgaon (M.S.)
3.	One month training programme on micro irrigation	Training on micro irrigation survey, design, installation, maintenance and repairs	25/06/2012 to 24/02/2012	Training on Arts Watermatics Private Limited Ltd At Parbhani (M.S.)
4.	Two day training programme on micro irrigation	workshop on Installation, Repair and Maintenance of Drip irrigation system	18/01/2017 to 19/01/2017	Central Vegetables Research Station, Wakwali, Dr. BSKKV, Dapoli.
5.	In-service Training in LPU	Hr policies and E Governance (including DPR and PMS)	17/08/2018	Lovely Professional University Punjab
6.	Industry startups in secondary Agriculture sector in Punjab	Industry startups in secondary Agriculture sector in Punjab	17/08/2018	Lovely Professional University Punjab
<b>Conference attended</b>				
1	International seminar on Global Climate Change: Implications for Agriculture and Water Sectors	Effect of pulse irrigation (drip) under different irrigation scheduling on yield, quality attribute parameters and water use efficiency of white onion ( <i>Allium Cepa</i> L.)	14/12/2017 to 16/12/2017	WALMI, Aurangabad, Maharashtra, India
2	Global Initiatives in Agriculture and Applied Sciences for Eco friendly Environment	Effect of Different Priming Techniques on Quality and its Attributes in Baby Corn ( <i>Zea mays</i> L.)	16/06/2019 to 18/06/2019	Conference Hall, Tribhuvan University, Kathmandu, Nepal
3	International Conference	Performance of Different Irrigation Methods and fetigation levels on quality		Technological Advances in Climate – Smart Agriculture and

		Attributes of Sweet orange (Citrus Sinesis)		Sustainability, Nanded
4	International Conference	Influence of different Irrigation levels through Pulse Irrigation (drip) on white onion ( <i>Allium Cepa. L.</i> )	15/03/2016 to 18/03/2016	Water Environment , Energy and Society, Bhopal
5	National Conference on Water, Environment and Society	Study on Soil Moisture Distribution Pattern under Online Double Lateral and Inline Lateral ring Drip Irrigation System of Sweet orange	30/07/2015 to 31/07/2015	Centre for Water Resources Institute of Science and Technology, JNT University Hyderabad
6	National Conference on Water, Environment and Society	Effect of different Irrigation Methods and Fertigation Levels on growth and quality attributes of sweet orange ( <i>Citrus Sinesis</i> )	30/07/2015 to 31/07/2015	Centre for Water Resources Institute of Science and Technology, JNT University Hyderabad
7	National conference on Sustainable Agriculture Food and Nutritional Security	Study on soil moisture distribution pattern under pulse irrigation (drip) through different irrigation levels on yield of white onion ( <i>Allium Cepa L.</i> )	13/02/218 to 14/02/2018	School of Agriculture, Lovely professional University, Punjab
8	Integrated conference on Agriculture and Pharmaceutical science	Review on Advancement of pulse irrigation (drip) on sandy soils	13/010/2018 to 14/14/2018	School of Agriculture, Lovely professional University, Punjab
9	106 <sup>th</sup> Indian science Congress	Effect of pulse irrigation (drip) on growth and yield parameters of white onion ( <i>Allium Cepa L.</i> )	03/01/2019 to 07/01/2019	Lovely professional University, Punjab
10	Boosting production potential under stressed Environment.	Effect of pulse Irrigation (Drip) under different irrigation levels on Yield, Quality attributing parameters and water use efficiency of white onion.		12th National Symposium of ISCAR-Coastal Agriculture, Dr. BSKKV, Dapoli
<b>Radio/T.V. Programmes</b>				
1	Amchi mati amchi gani	Management of water soluble fertilizer through drip irrigation system	12/02/2019	91.1 FM Radio Orange, Akola
2	Amchi mati amchi gani	Importance of soil less growth medias	22/02/2019	91.1 FM Radio Orange, Akola
<b>Extra-curricular activities</b>				

1	Certified course on computer concept	D.O.E.A.C.C	01/06/2009 to 30/8/2009	An autonomous scientific society of Department of Information and Technology, MCIT, Gov .of India.
2	Certified online course	Irrigation and Drainage	12weeks, 01/07/2018 to 28/09/2018	IIT, Kharagpur
3	Professional Lecture attended	We4 climate: Popular Lecture series on Climate change and Sustainable Development	August, 2019	Entrepreneurship Development Programme, Gov. of Punjab
4	National level technical Event	PRAGYAA,2010	05/03/2010 to 07/03/2010	Shri Guru gobind Singhji Institute of Engineering and Technology, Nanded
5	Entrepreneurship Development Programme	Entrepreneurship Development Programme ( EDP) Sponsored by Ministry of MSME, Gov.of India	10/02/2012 to 24/02/2012	Maharashtra Centre for Entrepreneurship Development Programme, Parbhani
6	Blood Donation Programme	Voluntary Blood Donation Camp	31/01/2015	Akshay Blood Bank, Satara.
7	External Examiner on course IDE-474	Lift Irrigation System Management	19/11/2015	Dr. A.S. College of Agril. Engineering, MPKV, Rahuri
8	External Examiner on course IDE-471	Micro Irrigation System Design	17/11/2015	Dr. A.S. College of Agril. Engineering, MPKV, Rahuri
9	External Examiner on course IDE-353	Ground water, wells and Pumps	16/11/2015	Dr. A.S. College of Agril. Engineering, MPKV, Rahuri
10	External Examiner on course ENGG-232	Basic in Computer Applications	11/10/2013 to 12/10/2013	Netaji Subhaschandra Bose College of Agriculture, Markhel, Nanded
11	External Examiner	Agricultural Engineering Course		Mokashi Agricultural Engineering College Mirkel
<b>Membership</b>				
1	Membership	Indian Society of Alliums		
2	Membership	Indian Science Congress Association		

3	Membership	Agricultural Technology Development Society (ATDS)	17/06/2019	Ghaziabad, Uttar Pradesh, India
<b>Other publications</b>				
	<b>Author /Authors</b>	<b>Year</b>	<b>Book or Book chapter/Manual with name of publisher</b>	<b>No of pages</b>
1	First	<b>Madane D. A.</b> and Awari H. W.,2018. Influence of Different Irrigation Methods and Fertigation Levels on Growth and Yield and Quality Attributes of Sweet Orange ( <i>Citrus Sinensis</i> ). Advances in Horticulture Vol. 2 Akinik Publications : 21-31, ISBN-978-93-5335-051-2.		21-31,
2	First	Manual (2019)	Principles of Irrigation and Water Management	M. Sc. Course : SOL (509), 1 to 56
3	First	Instruction Plan (2019)	Principles of Irrigation and Water Management	M. Sc. SOL course : (509), 1 to 8
4	First	Syllabus (2019)	Principles of Irrigation and Water Management	M. Sc. SOL course : (509), 1 to 3
<b>Popular Articles/ News letters</b>				
1	First	<b>Madane D. A.</b> , Y. G. Kasal and A. M. Gore (2018). Hydroponics and different growing media. Agrobios News letter Vol. XVII(2): 60-61.		60-61
2	First	<b>Madane D. A.</b> , Changade N. M., and Chormule S. (2018). Assessment Water foot print in Agriculture. Indian Farmer monthly Magazine, Vol.5 (10) : 1212-1214		1212-1214
3	First	<b>Madane D. A.</b> , and N. M. Changade (2019) Advancement of pulse irrigation drip in sandy soils Agrobios News letter Vol. XVII(8): 62-63		62-63
4	Co-author	Changade N. M., and <b>Madane D. A</b> (2019) Fertigation Unit : A heart of micro irrigation system Agrobios News letter Vol. XVII(9): 43-44.		44-45
5	Co-author	Madakemohekar A. H., Talekar N. S.,Gaikwad D. S.and <b>Madane D. A.</b> Biofortification: Nutritious crops Vol 15 (3) ISSN No.:2321-7405		48-50
6	Co-author	Kasal Y. G., Punam K and <b>Madane D. A.</b> , 2018 Balirajachi aart haak aiknyachi garaj. News paper article in Krushakonnati		NA
7	Co-author	Misal N. B., Krittika and <b>Madane D. A.</b> , 2019 Potassium: Its importance and Behaviour in Soil		55-56

❖ **Research Award**

Yong scientist award -2019 in the field of Soil Science, given by Agricultural Technology Development Society (ATDS) during 3<sup>rd</sup> International Conference held at Conference Hall, Tribhuvan University, Kathmandu, Nepal.

❖ **Research and Extension**

Sl. No.	Institution & Post	Details of work done	Years		Output/Technology Demonstration
			From	To	
1.	Research Associate, College of Agricultural Engineering and Technology, Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli	Demonstrated Water Harvesting Technology and photovoltaic Solar operated Micro Irrigation Technology at the famers field of Ratnagiri and Sindhudurg district of Maharashtra, India	01-10-2016	30-12-2017	Demonstrated Water Harvesting Technology and photovoltaic Solar operated Micro Irrigation Technology Creating Awareness farmers to enhancing Agricultural Productivity
2	Ph.D Scholar, Department of Irrigation and Drainage Engineering, Dr. BSKKV, Dapoli	Recommendations on Influence of different irrigation levels through pulse irrigation (drip) on white onion ( <i>Allium Cepa</i> L.)	28-05-2017	30-05-2017	Proposed in the State level Joint Agreco 2016-17 at VNMKV, Parbhani, Maharashtra, India

**Master's and Doctoral Research**

**Ph.D. research**

- Influence of different irrigation levels through pulse irrigation (drip) on white onion (*Allium Cepa* L.)

**M.Tech (Irrigation and Drainage Engineering)**

- Study of Different Irrigation Methods on Moisture Distribution Pattern, Yield and Quality of Sweet Orange.

**Work Experience**

- **Senior Research Fellow (Agril. Engg.)** in scheme of National Initiative on Climate Resilient Agricultural” V.N.M.K.V. Parbhani. Working period was 6<sup>th</sup> Feb 2013 to 31<sup>st</sup> March 2013. Months – 2



- **Assistant Professor (Agril Engineering)** at College of Agricultural Pathri, affiliated V.N.M.K.V. Parbhani. Working Period was 1<sup>st</sup> Jun 2013 to 30<sup>th</sup> November 2013. Months – 6 Months
- **Assistant Professor (Irrigation and Drainage Engineering)** at Pad. Dr. D. Y. Patil College of Agricultural Engineering and Technology, Talsande, Kholapur, affiliated M.P.K.V. Rahuri. Working period was 07 July. 2015 to 28 December 2015. – 6 Months
- **Research Associate** under the RKVY Project entitled ,” Innovative Water Resource Development for Enhancing the Agricultural Productivity” in the department of soil and water conservation Engineering CAET, Dr. BSKKV Dapoli. Working period from 01 October, 2016 to 31 August, 2017. 11 Months
- **Assistant Professor, Department of Soil science and Agril Chemistry, School of Agriculture Lovely Professional University Punjab-144411, Joining Date 08-01-2018 to up to .**

<b>Courses Taught in B. Sc. Agri. And B. Tech (Agricultural Engineering)</b>
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- Farm Power Machinery
- Soil and Water Conservation Engineering
- Principles and practices of water management
- Design of advanced micro irrigation system
- Design of ground water wells and pumps
- Soil conservation and erosion
- Renewable Energy and Green Technology
- Protected Cultivation and Secondary Agriculture

**Declaration:-**

I do hereby declare that all the information given above is true to the best of my knowledge and belief.

Date : 04-07-2019

Place : LPU, Paghwara

Signature  
(D. A. Madane)

