

Curriculum Vitae

Dr ANIKET UDAYKUMAR WAIKAR



Ph.D (Agricultural Engineering)

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Permanent Address

“Saptasur”, Shivram Nagar (south),

Opposite Shivshakti Building,

Vasmath Road,

Parbhani- 431401. (M.S)

OBJECTIVE :

To work in challenging and competitive environment in order to stand with the latest technology and widen my technical and interpersonal skills to the best of my abilities for the organizational excellence and my career growth.

PROFESSIONAL SUMMERY:

- 5 years experience in academic, research and extension services to students and farmers in agriculture field
- Strong analytical skills using different types of data

EDUCATION:

Examinations Passed	Discipline	University/ Institution	Year of Passing	Percentage of marks obtained
Ph.D (Agril.Engg)	Irrigation and Drainage Engineering	VNMKV Parbhani.	2018	79.7
M.Tech (Agril.Engg)	Irrigation and Drainage Engineering	M. K. V. Parbhani.	2010	82.11
B.Tech (Agril.Engg)	Agricultural Engineering	M.K.V. Parbhani	2007	73.80
H.S.C.	Science	M.S.Board	2003	71.67
S.S.C.	-----	M.S.Board	2001	84.26

THESIS TITLE:

1) Drought Characterization under Climate Change for Sustainable Crop

Planning in Marathwada Region (Ph.D)

- 2) Response of Rose (*rosa indica*) cv. Passion (Red) Under Different Potassium Fertilizer levels through fertigation In Protected Cultivation (M.Tech.)
- 3) Performance Evaluation of Polylined Underground Bandhara. (B. Tech.)

TRAINING :

1. Summer School on “**Engineering Interventions in Conservation Agriculture for Enhancing Agricultural Productivity and Climate Change Mitigation**” at CIAE,Bhopal during 22 June-12 July 2012
2. Short course on “**Database analysis &Management under climate variability in Rain fed Agriculture**” at CRIDA, Hyderabad during 27 Feb to 2 March. 2012
3. Training on “ **Detail Project Report Writing**” under Vasundhara Watershed Project held at Krishi Vigyan Kendra,Jalna during 17-21 Feb,2011
4. One month Professional Training on “**Summer Practical Training on Escorts,Powertrac and Farmtrac range of tractors on maintenance, repairs and field operations**” at Escorts Institute of Farm Mechanization, Bangalore during 02-31 May,2006
5. One month Professional Training on “**Tractors and Agricultural Machineries**” at Northern Region Farm Machinery Training and Testing Institute ,Hisar during 01-30 June,2005

SKILLS :

- Data analysis skills using different software
- Software proficiency: MS-Office, ArcGIS, ERDAS IMAGINE,QGIS, MATLAB
- Working ability with remote sensing data
- Climate change studies in Agriculture

EXPERIENCE :

Post held	Period		Organization	Nature of Duties
Junior Research Assistant	02/09/09	09/04/10	Rajiv Gandhi College of Agriculture, Parbhani	Teaching
Senior Research Assistant	10/04/10	30/06/11	Rajiv Gandhi College of Agriculture, Parbhani	Teaching

Senior Research Fellow	01/07/11	31/03/12	AICRP On Dryland Agriculture, VNMKV, Parbhani	Research & Extension
Assistant Professor	02/04/12	27/11/13	Rajiv Gandhi College of Agriculture, Parbhani	Teaching
Assistant Professor	24/09/18	31/12/2019	Maharashtra Institute of Technology, Aurangabad	Teaching
Senior Research Fellow	05/01/2020	Till Date	NAHEP CAAST VNMKV, Parbhani	Research

WORKSHOP / CONFERENCE:

- ✓ Participated in State level workshop on “ **ICT Based Application in Irrigation Scheduling**” on 24th March, 2015 at MPKV, Rahuri
- ✓ Participated and Presented a paper in “**International Conference on Technological Advances in Climate Smart Agriculture and Sustainability**” held at SGGSIET, Nanded during 16-18 Jan, 2017

CO-CURRICULAR ACTIVITIES:

- ◆ Successfully completed *National Social Services* activities during graduation.
- ◆ Participation in ‘*INDRADHANUSHYA 2005*’ state level youth festival held at Dr. BSKKV, DAPOLI.
- ◆ Participation in ‘*WEST ZONAL YOUTH FESTIVAL 2006*’, west zone India level youth festival held at Dr. BAMU, Aurangabad.
- ◆ Participation in ‘*NATIONAL INTEGRATION CAMP 2005*’, held at VNMKV, Parbhani.

PERSONAL INFORMATION:

Date of Birth : 24th June 1986
Gender : Male
Nationality : Indian
Marital Status : Married
Languages Known : Marathi, English and Hindi

RESEARCH PAPER:

1. Effect of Fertigation Treatment of Potassium fertilizer levels for Rose (*Rosa*

- indica*) cv. Passion under protected cultivation **A.U.Waikar**, S.B.Jadhav.*Int.J Agril.Eng* 2012, 5(1):12-15
2. Effect of Percolation Tank on Augmenting the Groundwater Recharge at Jamb By V.T.Mukade,**A.U.Waikar**.*Global Journal of Applied Agriculture Research*. Vol 3(1):1-7
 3. Effect of fertigation treatment of potassium fertilizer levels for rose (*Rosa indica*) cv. Passion under protected cultivation By **A.U.Waikar**,S.B.Jadhav. *Green Farming* 2013, Vol. 4 (1) : 121-122
 4. Probability Analysis of Annual One Day Maximum Rainfall for Planning of Soil and Water Conservation Structures at Parbhani.By P.S.Pawar,A.S.Kadam and **A.U.Waikar**.*MULTILOGIC IN SCIENCE*, July-2016 Vol(VI) Issue-XVII:151-157
 5. Quantification of Storage Loss from Dugout Type Farm Pond in Clayey Region of Vidarbha.By P.S.Pawar and **AU.Waikar**.*Advances in Life Sciences*,2016, 5(23):11046-11050
 6. Mean Monthly Pan Evaporation Estimation Using Regression Model.By P.S.Pawar, **A.U.Waikar** and A.M.Kale. *Progressive Research-An International Journal*, 2016, 11(VIII):5585-5588
 7. Spatiotemporal Variability of Drought in Marathwada by **A.U.Waikar**, U.M.Khodke, P.S.Pawar and M.L.Chavan.SRTMU's Research Journal of Science, Technology and Engineering-Special Volume-TACSAS-2017 International Conference.pp:131-134
 8. Performance and evaluation of solar photovoltaic water pumping system by Shivpuje S.H. , Khole P. R , **A. U Waikar**, Jadhav S.B. *MULTILOGIC IN SCIENCE*, VOL. X, ISSUE XXXV, OCTOBER 2020,1151-1154
 9. Drought Assessment under Climate Change by Using NDVI and SPI for Marathwada by **A. U. Waikar**, U. M. Khodke and P. S. Pawar *Int. J. Pure App. Biosci.* SPI (2018): 6 (1): 1-5
 10. Spatio temporal variability of drought and its trend in Marathwada by **A.U. Waikar** and U.M. Khodke *Journal of Agrometeorology* 20 (4) : 340-341 (December 2018) 340
 11. Dry and wet spell Probability by Markov Chain model for agricultural planning at Parbhani by P. S. Pawar, **A.U. Waikar** and U. M. Khodke *MAUSAM*, 70, 3 ,July (2019):589-592

ABSTRACTS:

1. Response of different potassium fertilizer levels through fertigation on Rose (*Rosa indica*) cv. Passion under protected cultivation. S.B. Jadhav, **A.U. Waikar**, S.J. Supekar and D.V. Raut. The 45th Annual convention of ISAE and International Symposium on Water for Agriculture. WFESI – 8.17 pp.157.
2. Study on Climate variability at Parbhani in Marathwada Region, M.S. Pendke, Sneha Palekar and **A.U. Waikar**, The 46th Annual convention of ISAE and International Symposium on Grain storage. SWE-2012 SWCAI, 7.11, pp.295.
3. Process evaluation in fertigation treatment of potassium fertilizer levels for Rose (*Rosa indica*) cv. passion under protected cultivation. **A.U. Waikar**, S.B. Jadhav, G.U. Shinde and H.W. Awari. The 46th Annual convention of ISAE and International Symposium on Grain storage. SWE-2012 SWCAI, 7.13, pp.296.
4. Effect of fertigation treatment of potassium fertilizer levels for Rose (*Rosa indica*) cv. passion under protected cultivation. **A.U. Waikar**, S.B. Jadhav, G.U. Shinde and H.W. Awari .PCISSS Seminar 2012 MKV, Parbhani, pp_92, pp 78-79
5. Meteorological drought assessment under climate change using standardized precipitation index and rainfall deciles: A case study of Parbhani (pp_185) by **A.U.Waikar**,U.M.Khodke,M.L.Chavan.PCISS Seminar 2017, VNMKV, Parbhani 7-8 Oct 2017,pp:145
6. Effect of mulching on soil moisture conservation and yield of chili by using drip irrigation.(SWE-2015-WMT-34) by Chavan M.L, **A.U.Waikar**, U.M.Khodke.49th Annual convention of ISAE and Symposium on Engineering solutions for sustainable agriculture and food processing,23-25 Feb,2015 at PAU,Ludhiana.pp:185
7. Influence of mulching on crop water requirement and yield of chili by using drip irrigation (SWE-2015-WMT-94) by Chavan M.L, **A.U.Waikar**, U.M.Khodke.49th Annual convention of ISAE and Symposium on Engineering solutions for sustainable agriculture and food processing,23-25 Feb,2015 at PAU,Ludhiana.pp:205
8. Evaluation of the water use efficiency and economic feasibility of drip irrigation system for Pigeonpea (SWE-2014-MIS-PP-12) by V.S.Ajegaonkar, S.B.Jadhav, H.W.Awari and **A.U.Waikar**.48th Annual convention of ISAE and Symposium on Engineering Interventions in Conservation Agriculture ,21-23,Feb2014 held at MPUAST, Udaipur. pp:181
9. Study on the effect of plant spacing and drip irrigation schedules on growth and yield of Pigeonpea. (SWE-2014-CAOFWM-PP-28) by V.S.Ajegaonkar, S.B.Jadhav, H.W.Awari and **A.U.Waikar**.48th Annual convention of ISAE and Symposium on Engineering Interventions in Conservation Agriculture,21-23,Feb2014 held at MPUAST, Udaipur. pp: 214
10. Effect of Percolation tank on Augmenting the groundwater recharge at Jamb.by V.T.Mukade,**A.U.Waikar** and R.G.Bhagyawant. 48th Annual convention of ISAE and Symposium on Engineering Interventions in Conservation Agriculture,21-23,Feb2014 held at MPUAST, Udaipur.pp: 222
11. Drought Assessment in Marathwada under Climate Change using different indices

based on ground and remote sensing data. International Seminar on Global Climate Change: Implications for Agriculture and Water Sectors,14-16 Dec,2017 held at WALMI,Aurangabad.pp:57-58.

TECHNICAL BULLETIN:

- Farm Pond designs for assured rainfall zone of Marathwada region.
AICRP on Dry land Agriculture, MKV, Parbhani

Declaration and Signature

I hereby declare that the information in this document is accurate and true to the best of my knowledge.

Place: Parbhani



Signature

Dr ANIKET UDAYKUMAR WAIKAR.