

Curriculum Vitae

Name: Dr. Amol Mininath Gore

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Date of Birth: 15/08/1989



Academic Credentials

Class/ Degree	Specialization	Institution	University	Year	%/CGPA	Class
Ph.D.	Farm Power and Machinery	PGI Dr.PDKV Akola	Dr.PDKV Akola	2017	88.80	First With Distinction
M. Tech.	Farm Power and Machinery	PGI Dr.PDKV Akola	Dr.PDKV Akola	2013	80.70	First
B.Tech.	Agricultural Engineering	Pad. Dr. DYPCAE Kolhapur	MPKV Rahuri	2011	73.40	Second

M. Tech. Project: Modification of Power Transmission system of Pigeon Pea Stem Cutter

Ph. D. Research: Development and Performance Evaluation of Axial flow blower for small hp tractor for orchard crop

Key Research Areas:

Plant Protection Equipment

Harvesting Machineries

Intercultural Equipments

Experience

Sr. No.	Organization	Post	From	To	No. of Years
1	Lovely Professional University, Jalandhar, Punjab	Assistant Professor	17/08/2016 to	08/06/2018	1 Year 10 Month
2	Maharashtra Institute of Technology, Aurangabad	Assistant Professor	23/06/2018 to	Till Date	1 Year 7 Month

List of Courses Taught/Teaching at UG level

- 1 Protected cultivation and Post harvest technology
- 2 Protected cultivation and Post harvest technology laboratory
- 3 Farm Machinery and Power
- 4 Farm Machinery and Power Laboratory
- 5 Hands on Training
- 6 Renewable Energy and Green Technology
- 7 Tractor Systems and Controls
- 8 Renewable Sources of Energy
- 9 General Agricultural Engineering
- 10 Farm Machinery and Implements
- 11 Farm Machinery Management

Membership of Professional Bodies

- 1) Life member of Indian Society of Agricultural Engineers, New Delhi
- 2) Life member of Indian Society of Dry land Agriculture, Hyderabad

Seminar/Workshop/Industrial Training/STTP//FDP/CEP/Conference Attended

- 1) Participated in the Town Hall Session at the “Mahindra Samridhi Agri Awards 2013” held at New Delhi on 22 Feb 2013.
- 2) National Seminar – “Dry land Agriculture in Vidarbha : Priorities and Development Issues” held at Dr.PDKV Akola, March 2015
- 3) National workshop on “Renewable Energy for Sustainable Development of Agriculture and Industries, held at Dr.PDKV Akola, March 2015
- 4) IJTA 3rd International Conference on Agriculture, Horticulture & Plant Sciences, New Delhi 2016

- 5) Conference on Sustainable Agriculture ,Food and Nutritional Security (SAFNS) 2018 Held at Lovely Professional University, Punjab
- 6) Faculty Development Program on Statistical Techniques in data analysis, MIT Aurangabad 07 July 2018
- 7) Faculty Development Program on Data Science, MIT Aurangabad 24 June 2019- 30 June 2019
- 8) Two days workshop on Research Methodology and Data Analysis Techniques, MIT Aurangabad 29 and 30 March 2019.
- 9) Summer Placement Training at Surya Tractor (New Holland Tractor Dealer) Loni Kalbhor, Pune in (May -2009)
- 10) Summer Placement Training at Northern Region Farm Machinery Training & Testing Institute, Hisar (Haryana) in (June-2010).
- 11) In-Plant Training at Shri Ganesh Phinox Agency Phinox Plasson Drip Irrigation Dealer Mirajgaon, Ahemadnagar in (Jan-April 2011)
- 12) In-plant Training Central Farm Machinery Training and Testing Institute, Budni (M.P.) in (August 2012)

Seminar/Workshop/Industrial Training/STTP//FDP/CEP/Conference organized

- 1) Faculty Development Program on Statistical Techniques in data analysis, MIT Aurangabad 07 July 2018

Papers in National/ International Journal

- 1) Modification of power transmission system of pigeonpea stem cutter **A.M. GORE** S.K. THAKARE Internat. J. Agric. Engg., 8(1) : 103 -108. April 2015
- 2) Fabrication & calibration of discharge measuring structures **A.M. GORE** A.S. Khadake Y.G. Kasal Journal of multilogic in sciences 5 (14):49 – 52 October 2015
- 3) Innovation Farm Device for Turmeric Harvesting: Design and Development Aspect **A. S. KHADAKE, V.P.KHAMBALKR A.M. GORE AND A. J. DHONDGE** Trends in Biosciences 8 (19):5364 – 5368 September 2015
- 4) Performance and evaluation of mini tractor turmeric harvester on harvesting in different varieties of curcuma long a **KHADAKE A. S. KHAMBALKR V.P Ghadage V.R A.M.GORE** Journal of multilogic in sciences 5 (14):70 – 72 October 2015

- 11) Effect of blade angle and blade type on droplet size and droplet density of axial flow blower in air assisted orchard sprayer **A.M. Gore**, S. K. Thakare, S. H. Thakare M. M. Deshmukh Green Farming 8 (5):1219-1222 September-October 2017
- 12) Impact of Agricultural Mechanization on Small Holding Rural Population Y.G. Kasal, P.P.Shete, **A.M.Gore** Indian Agriculturist 61 (3 and 4) 187-197 Feb 2018
- 5) Effect of Speed of Operation on Blower Speed, and Air Velocity of Axial Flow Blower in Air Assisted Orchard Sprayer **A.M. Gore**, S. K. Thakare, M. M. Deshmukh S. H. Thakare IJTA 34(3): 529-532 June 2016
- 6) Effect of Speed of Operation on Droplet Size, and Droplet Density of Axial Flow Blower in Air Assisted Orchard Sprayer **A.M. Gore**, S. K. Thakare, S. H. Thakare M. M. Deshmukh IJTA 34(3): 533-537 June 2016
- 7) Effect of blower rpm and blade angle on air velocity and air discharge of axial flow blower in air assisted orchard sprayer **A.M. Gore**, S. K. Thakare, M. M. Deshmukh S. H. Thakare Journal of multilogic in sciences 6 (17):56 – 60 July 2016
- 8) Modification and Performance Evaluation of Lawn Mower S. P. Shinde, V. P. Pandagale, **A. M. Gore** and S. K. Upadhye IJTA 34(6) December 2016
- 9) Performance Evaluation of Tractor Drawn Rotavator S. P. Shinde, **A. M. Gore** , V. P. Pandagale and S. K. Upadhye IJTA 34(6)
- 10) Field Evaluation of Axial Flow Blower in Air Assisted Orchard Sprayer **A.M. Gore**, S. K. Thakare, S. H. Thakare M. M. Deshmukh Journal of multilogic in sciences 6 (19): 256 – 258 April 2017
- 11) Field Evaluation of Self Propelled Reaper Binder in Wheat Crop **A.M.Gore**, Y.G. Kasal, S.P.Shinde Plant Archives Vol. 18 No. 1, 2018 pp. 551-554 April 2018
- 12) Effect of speed of tractor on rate of application of liquid fertilizer in liquid fertilizer application system Y.G. Kasal, **A.M.Gore**, P.P.Shete Plant Archives Vol. 18 No. 1, 2018 pp 987-990 April 2018
- 13) Fertilizer placement methods and equipments in liquid form Y.G. Kasal, **A.M.Gore**, P.P.Shete Journal of multilogic in sciences 8 (26): 43 – 44 July 2018
- 14) Impact of blade angle on blower speed, and air velocity of axial flow blower in air assisted orchard sprayer **A.M. Gore**, S. K. Thakare, International Journal of Chemical Studies 7(6): 545-547 Nov.2019
- 15) Impact of blade type on blower speed, and air velocity of axial flow blower in air assisted orchard sprayer **A.M. Gore**, S. K. Thakare, M M Pakhare International Journal of Chemical Studies 7(6): 581-585 Nov.2019
- 16) Calibration of small tractor operated seed ferti drill cum inter row cultivator M M Pakhare S. H. Thakare, **A.M. Gore**, International Journal of Chemical Studies 2019; 7(5): 2658-2660 Oct. 2019

Books/ Book Chapter

1) Discharge Measuring Structures by D H Londhe, A M Gore, Lambert Academic Publication ISBN-978-3-659-42261-4 Year of publication-2013

2) Modification and Performance Evaluation of Pigeon Pea Stem Cutter by A M Gore, S K Thakare, Y G Kasal Lambert Academic Publication ISBN-978-3-659-76760-9 Year of publication-2015

3) Development of Plant Holding Mechanism for Pigeon Pea Stem Cutter by A M Gore, G S Kadnor, S K Thakare Lambert Academic Publication ISBN-978-3-659-91866-7 Year of publication-2019

4) Axial Flow Blower for Air Assisted Orchard Sprayer by A M Gore, S K Thakare Lambert Academic Publication ISBN-978-620-0-474-75-9 Year of publication-2019

Awards, Achievements and Recognition

1) INSPIRE fellowship award for PhD research given by Department of Science and Technology Government of India(2014-2016)

2) First Prize in national level paper presentation held at Nanded in 2014

3) Second Prize in National level conference held at Lovely Professional University 2018

Date: 24/02/2020

Place: MIT Aurangabad