Curriculum Vitae

PERSONAL INFO

: 13 August 1994
: Indian
Category : Open (Maratha)
Blood Group : A -ve

CONTACT

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Y9575858

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A/P – Yehalegaon, Tal. Aundha,
Dist. Hingoli, (MH.) – 413705

Google Scholar

https://scholar.google.com/citations?hl=en&user=YA4v7acAAAAJ

Professional skills

- Research and Experimental Skills
- Communication and Outreach
- Problem-Solving and Critical Thinking
- Technical Proficiency
- Leadership and Initiative
- Collaborative Work

Language skills

English | Hindi | Marathi

Dr. Solanke Amol Pralhadrao

Ph.D. (Plant Physiology)

PROFILE

- My expertise in heat tolerance mechanisms and the role of ascorbic acid in enhancing plant resilience to high temperature stress.
- Also worked in an innovative natural speed breeding technique for accelerated chickpea (*Cicer arietinum* L.) generation turnover
- I am committed to advancing the understanding of complex plant traits through innovative phenotypic analysis techniques and cutting-edge technologies.
- I aim to collaborate with multidisciplinary teams, stakeholders, and research institutions to promote sustainable breeding and climate-resilient crops for global food security.

EDUCATION

- **02/2022 – 07/2025**
  Ph.D., Agricultural Botany (Plant Physiology) (80.10%)
  Govt. Post Graduate Institute, Mahatma Phule Krishi Vidyapeeth, Rahuri (Ahmednagar, MH)

- **08/2016 - 08/2018**
  M.Sc. in Agricultural Botany (Plant Physiology) (81.50 %)
  Govt. College of Agriculture, Parbhani
  Vasantrao Naik Marathwada Krishi Vidyapeeth, Parbhani (MH)

- **08/2012 - 05/2016**
  B.Sc., Agriculture (77.20%)
  Govt. College of Agriculture, Latur
  Vasantrao Naik Marathwada Krishi Vidyapeeth, Parbhani (MH)

- **04/2024**
  Diploma in Agri- Business Management (81.13%)
  College of Agriculture, Udgir, Latur
  Yashwantrao Chavan Maharashtra Open University, Nashik (MH)

- **05/2012**
  HSC (78.85%) at KD Jr. college, Parwa road, Parbhani Dist. Parbhani (Maharashtra State Board)

- **06/2010**
  SSC (78.55%) at Gandhi Vidyalaya, Ekata Nagar, Parbhani Dist.-Parbhani (Maharashtra State Board)

ACADEMIC TEACHING EXPERIENCE:

- **Assistant Professor**,
  NSB College of Agriculture, Markhel (Affiliated under VNMKV, Parbhani)
  (09 January 2020 – 27 July 2021; 1 year, 6 months and 18 days)
  - Delivered lectures and practical sessions on core agricultural topics to undergraduate students.
  - Designed innovative teaching strategies and mentored students in academic and extracurricular activities.

- **Senior Research Assistant (SRA) Against Assistant Professor**,
  College of Agriculture, Dongarshelaki Tanda, Udgir (Affiliated under VNMKV, Parbhani)
  (27 July 2021 – 08 February 2022; 6 months and 13 days)
  - Assisted in teaching undergraduate courses, conducted practical training, and guided student research projects.
  - Supported academic administration and coordinated departmental activities to enhance learning outcomes.

RESEARCH DETAILS

- **11/2023– 11/2024**
  Doctoral Research at ICAR- National Institute of Abiotic Stress Management, Baramati and Mahatma Phule Krishi Vidyapeeth, Rahuri (MH)
  Research Topic: *"Influence of ascorbic acid accumulation on physio-biochemical and yield under high temperature stress condition in chickpea"*
  - Assessed pollen vigor under high-temperature stress conditions using fluorescence microscopy for detailed analysis.
  - Expertise in endogenous ascorbic acid accumulation and its role in enhancing chickpea.
  - Experienced in conducting multi-environment trials and advanced statistical analysis to evaluate genotype performance under stress.

- **06/2017– 08/2018**
  Master's Research at Vasantrao Naik Marathwada Krishi Vidyapeeth, Parbhani (MH).
  Research Topic: *"Effect of growth regulators on growth and yield of soybean (Glycine max L. Merrill)"*
  - Expertise in studying the impact of growth regulators on soybean growth and yield.
  - Skilled in evaluating physiological parameters, growth indices, and yield components in soybean.
  - Experienced in designing and conducting field trials to optimize growth regulator applications for improved crop performance.

PROFESSIONAL EXPERIENCE:

- Proficient in optimizing and implementing protocols for assessing ascorbic acid (AsA) accumulation in leaves and seeds under stress condition.
- Acquired skills in High throughput plant phenotyping of Lemna Tec platform of National Plant Phenomics Facility, ICAR-NIASM, Baramati, Pune.

- Experienced in image analysis using tools like Lemnagrid to assess visible, infrared and NIR spectrum responses to stress, and applying GLM machine learning algorithms to predict plant biomass.
- Image acquisition on chlorophyll fluorescence imaging system
- Handling of IRGA and fluorescence microscope
- Designed and implemented field and laboratory studies to evaluate soil moisture utilization, water-use efficiency and crop resilience under water-deficit environments.
- Adept at authoring high-impact publications and presenting research findings at conferences and seminars.

TRAINED IN PHYSIOLOGICAL TECHNIQUES:

- In-depth expertise in screening extensive genotype collections by incorporating endogenous AsA content into breeding strategies to enhance crop resilience and yield under drought-prone conditions.
- Hands-on experience with advanced physiological assessments like photosynthetic rate, PSII efficiency, chlorophyll content, and biomass estimation under stress conditions.
- Experience in designing and executing field trials for chickpea genotypes to assess yield, morphological, and physiological traits under water stress.

PARTICIPATED IN:

- Completed a **training** program on "Small-scale start-ups and entrepreneurship in bio-control agents mass production for the management of insect pests and diseases for sustainable and eco-friendly agriculture" conducted by the **ICAR-IISR, Lucknow**, from March 17-23, 2025

- Completed a **training** program on "Genome Editing for Crop Improvement: Strategies and Applications," conducted by the NIPB, New Delhi, in collaboration with the Division of Plant Physiology, **ICAR-IARI, New Delhi**, from July 1-12, 2024.

- Completed the **International Agriculture Certificate Course-cum-Training** Program on "Prime Minister and Ministry of Agriculture and Farmers' Welfare Sponsored Agriculture Scheme and Indian Agriculture Vision-2050" held from April 1 to 30, 2024. **Certificate No: P/04/24/3037**.

- Completed **International training program** on "Advanced Technologies for Smart Agriculture," organized by **Can Tho University, Vietnam**, from December 4-30, 2023.

- Attended the **International Conference** on "Strategies and Challenges in Agricultural and Life Science for Food Security and Sustainable Environment," organized by the Department of Environmental Science, HP University, Shimla, from April 28-30, 2023.

- Attended the **Workshop** on "Google Earth Engine, IoT, and Drones for Precision Agriculture and Advanced Technologies for Climate Smart Agriculture," organized by NAHEP-CAAST, MPKV, Rahuri, Maharashtra, held on March 26-27, 2023.

- Presented and participated in the **National Conference** on "Millets for Healthier Life and Sustainable Agriculture," organized by D.B.F. Dayanand College of Arts and Science, Solapur, Maharashtra, on March 17-18, 2023.

- Participated in the **National Conference** on "Drone for Agriculture," organized by Agrovision Foundation at VANAMATI, Nagpur, Maharashtra, on September 11, 2022.

- completed the One-Week **International Training Programme** on "Recent Physio-Molecular Digital Tools in Abiotic Stress Management for Crop Modeling," organized by CAAST for NAHEP, VNMKV, Parbhani, from June 29 to July 3, 2020.

- Participated in the **International Conference** on "Advances in Agriculture and Allied Science Technologies for Sustainable Development," organized by Genesis Urban and Rural Development Society, Hyderabad, Telangana, held on February 10-11, 2018.

- Participated in the **Workshop** on "Personality (Soft Skills) Development," organized by the College of Agriculture, Latur, from February 28 to March 3, 2015.

- Completed 240 hours as a National Service Scheme (NSS) volunteer with the NSS unit during 2012–13 and 2013–14. Additionally, participated in the **NSS Special Camping Program** conducted at Darji Borgaon, Dist. Latur, Maharashtra, from March 5 to 11, 2014.

PRESENTATIONS:

- Presented an **Oral** presentation at the National Conference of Plant Physiology-2025, themed "Frontiers in Cell to Whole Plant Physiology: Bridging Science and Sustainability," held from December 17-19, 2024. The presentation topic was "Genotypes with High Ascorbic Acid Accumulation Overcoming the Impact of High-Temperature Stress in Chickpea (*Cicer arietinum* L.)."

- **Poster** entitled " Characterization of morpho-physiological, and yield parameters of chickpea genotypes under shallow basaltic soils" in International Conference on "Climate Change and Its Effect on Biodiversity, Commerce and Economics" organized by Department of Commerce and Life Sciences, Ast, Commerce and Science College, Sonai (M.S.).

- Presented a **poster** titled "Unravelling Yield Variability and Correlations: Exploring Grain Mold and Yield Components in Kharif Sorghum" at the International Conference on "Sustainable Optimization of Agricultural Production," organized by Shri Vaishnav Institute of Agriculture, Indore (M.P.), held on September 15-16, 2023.

ABSTRACTS PUBLISHED:

- Adagale, R. V., Lipane, R. R., **Solanke, A. P.**, and Shamkuwar, G. R. (2023). Evaluation of mungbean genotypes for morpho-physiological traits imparting tolerance to pre-harvest sprouting. *VAKSANA-2023*, p. 26. ISBN: 978-93-5980-227-5.

- Kailas Bhakad, **Amol Solanke**, Dnyaneshwar Raut, Rajendra Lipane and R. Dhutmal. (2023).

Unravelling yield variability and correlations: Exploring grain mold and yield components in *Kharif* sorghum. *VAKSANA-2023*, p. 42. ISBN: 978-93-5980-227-5.

- Dnyaneshwar Raut, Shubhangi Maraskole, **Amol Solanke**, Suraj Kulkarni, Vinay Hegde and Jagadish Rane (2023). Empowering Millets: Advancing Abiotic stress Tolerance Through Genetic Enhancement. *Abiotic Stress Management for Sustainable Millet based Production Systems*. 2023, Page 37.

- Gaikwad, R. A., Shinde, S. S., and **Solanke, A. P.** (2023). Effect of foliar application of plant growth regulators on growth and yield of okra (*Abelmoschus esculentus* (L.) Moench). *Strategies and Challenges in Agricultural and Life Science for Food Security and Sustainable Environment (SCALFE-2023)*, p. 274. ISBN: 978-93-91872-31-1.

- Jadhav, M. D., Lipane, R. R., **Solanke, A. P.**, and Durge, D. V. (2023). Effect of sulphur on seed yield and oil content of sunflower (*Helianthus annus* L.). *Strategies and Challenges in Agricultural and Life Science for Food Security and Sustainable Environment (SCALFE-2023)*, pp. 175–176. ISBN: 978-93-91872-31-1.

- **Solanke, A. P.**, Pawar, G. S., Lipane, R. R., and Kamble, B. G. (2023). Effect of growth regulators on growth and yield of soybean (*Glycine max* L. Merrill). *Strategies and Challenges in Agricultural and Life Science for Food Security and Sustainable Environment (SCALFE-2023)*, p. 3. ISBN: 978-93-91872-31-1.

AFFILIATION WITH PROFESSIONAL SOCIETIES :

- Life Member of the Society for Agricultural Research on Abiotic Stresses (SARAS) (Life Membership Number: **LM-00273**).
- Lifetime member of the Agricultural Doctorates Association (ADA) (Membership Id: **ADA-497-07-2023**)
- Life member of the Society for Agriculture and Arid Ecology Research (Life Membership Number: **S No. 269**).
- Life member of the Society for Advancement of Human and Nature **(Life Membership Number: SDN/3-2/2010)**

ACADEMIC ACTIVITIES

SCIENTIFIC PUBLICATIONS

1. **Amol P. Solanke**, Sharad R. Gadakh, Dnyaneshwar Raut, Kruthika S., Apoorva Ashu, Navodhaya J. V., Harimadhav C., C. Laxuman, and Gurumurthy S. (2025). Genotypic Variability for Ascorbic acid content and high temperature Stress Tolerance in Chickpea. Plant physiology report (Accepted) (NASS Rating: **7.6**).

2. Ambhore, A. M., **Solanke, A. P.**, Gund, S., Gadakh, S. R., Wagh, R. S., Kute, N. S., & Awari, V. R. (2025). Assessment of the effect of plant growth regulators and nutrients on physiological

activities of chickpea (Cicer arietinum L.) under varying sowing dates. International Journal of Research in Agronomy, 8(6), 1172–1176. https://doi.org/10.33545/2618060x.2025.v8.i6n.3213

3. Gurumurthy S., **Amol P. Solanke**, Kruthika S., Apoorva Ashu, Harimadhav C., Navodhaya J. V. (2025). Novel Insights into Summer High-Temperature Stress Tolerance in Chickpea under Shallow Basaltic Soils of Drought-Prone Regions. *Journal of agronomy and crop science* (In pipeline) (NASS Rating: **9.7**).

4. **Amol P. Solanke**, B. J. Gawhale, Shashianand U. Kalbhor, Archana V. Gavale, Pawar G. S., Kamble B. G. (2025) Evaluation of Plant Growth Regulators on Soybean (Glycine max L.) for Physiological Maturity, Growth, and Yield Parameters. *Tropical Agriculture* (In pipeline) (NASS Rating: **6.2**).

5. Kruthika S., Apoorva Ashu, **Amol P. Solanke**, Harimadhav C, Navodhaya J. V., Gurumurthy S. (2025) Quantification of drought stress tolerance and its impact on nutri-physiological mechanisms in common bean (Phaseolus vulgaris L.) under shallow basaltic soil. *Scientific Reports* (In pipeline) (NASS Rating: **9.8**).

6. **Amol P. Solanke**, Gadakh S. R., Kruthika S., Awari V. R., Apoorva Ashu, Navodhaya J. V., Harimadhav C., Laxuman C., Gurumurthy S. (2024) Novel Insights into Summer High-Temperature Stress Tolerance in Chickpea under Shallow Basaltic Soils of Drought-Prone Regions. *Functional Plant Biology* (Accepted) (NASS Rating: **8.6**).

7. Raut, D., Lipane, R., Ambhore, A., **Solanke, A. P.**, & Gadakh, S. (2024). Unlocking drought tolerance in chickpea through ascorbic acid rich genotypes: Growth and branching dynamics. International Journal of Research in Agronomy, 7(12), 998–1000. https://doi.org/10.33545/2618060x.2024.v7.i12l.2473 (NASS Rating: **5.2**).

8. **Solanke, A. P.**, Lipane, R. R., Gavale, A. V., Gadakh, S. R., Kute, N. S., Kale, A. A., Awari, V. R., Wani, V. S., Amolic, V. L., & Gurumurthy. (2024). Characterization of morpho-physiological, and yield parameters of chickpea genotypes under shallow basaltic soils. *International Journal of Advanced Biochemistry Research*, *8*(12), 595–601. https://doi.org/10.33545/26174693.2024.v8.i12h.3221 (NASS Rating: **5.29**).

9. Lipane, R. R., **Solanke, A. P.**, Ambhore, A. M., Gawhale, B. J., Borade, A. G., & Durge, D. V. (2024). Comparative analysis of foliar sprays and irrigation regimes on growth, physiological attributes and yield of bt cotton (*Gossypium hirsutum* L.). *Plant Archives*, *24*(2). https://doi.org/10.51470/plantarchives. 2024.v24.no.2.198 (NASS Rating: **5.59**).

10. Dhadge, S. S., **Solanke, A. P.**, Kalbhor, S. U., Gawhale, B. J., & Shinde, S. S. (2024). Influence of Naa, boron and molybdenum on growth and physiology of green gram (Vigna radiata wilczek) in subtropical regions. *Plant Archives*, *24*(2). https://doi.org/10.51470/plantarchives.2024.v24.no.2.138 (NASS Rating: **5.59**).

11. Gurumurthy, S., Ashu, A., Kruthika, S., **Solanke, A. P.**, Basavaraja, T., Soren, K. R., Rane, J., Pathak, H., & Prasad, P. V. V. (2024). An innovative natural speed breeding technique for

accelerated chickpea (Cicer arietinum L.) generation turnover. *Plant Methods*, *20*(1), 177. https://doi.org/10.1186/s13007-024-01299-9 (NASS Rating: **11.1**).

12. Ambhore, A. M., **Solanke, A. P.**, Lipane, R. R., Adagale, R. V., & Shamkuwar, G. R. (2024). Insights from Morpho-physiological traits imparting tolerance for preharvest sprouting of Mungbean genotypes. *Journal of Advances in Biology & Biotechnology*, *27*(6), 434–440. https://doi.org/10.9734/jabb/2024/v27i6902 (NASS Rating: **5.30**).

13. **Solanke, A. P.**, Raut, D., Kalbhor, S. U., Nalbale, S. R., & Lande, S. S. (2024). Impact of varied sowing dates on seed quality parameters in wheat. *Journal of Advances in Biology & Biotechnology*, *27*(9), 116–122. https://doi.org/10.9734/jabb/2024/v27i91280 (NASS Rating: **5.30**).

14. Rajendra R. Lipane, **Amol P. Solanke**, Dnyaneshwar A. Raut, Rahul V. Adagale and G.R. Shamkuwar. (2023). Cultivating Resilience: Unveiling Key Traits for Preharvest Sprouting Tolerance in Vigna radiata (L.) *Wilczek. Biological Forum - An International Journal*, *15*(10), 148–151 (NASS Rating: **5.11**).

15. Kachare P. A., Gawale A. V., **Solanke A. P.**, Pawar G. S. (2022a). Effect of micronutrients on seed quality of green gram (Vigna radiata L.). *Pharma Innovation*, *11*(12), 843–846 (NASS Rating: **5.23**).

16. Kachare P. A., Gawale A. V., **Solanke A. P.**, Pawar G. S. (2022b). To analyse the effect of micronutrients on plant growth and seed yield of green gram (Vigna radiata L.). *Pharma Innovation*, *11*(12), 1849–1852 ((NASS Rating: **5.23**).

17. **Solanke A. P.**, Pawar G. S., Dhadge S. R., and Kamble B. G. (2018). Effect of plant growth regulators on growth and yield of soybean (*Glycine max* (L.) Merrill.) applied at different stages. *International Journal of Chemical Studies*, *6*(5), 2962–2966 (NASS Rating: **5.31**).

BOOK CHAPTERS

1. Rushikesh M. Bhusari, **Amol P. Solanke**, Ashutosh Kumar, Suraj N. Gund (2025). Propagation Techniques for Flowering Plants. *Floriculture and Landscaping: Crafting Beauty Through Science and Art*. Published by *Stella International ™ Publication. ISBN:978-93-48909-09-1*
2. Suraj N. Gund, **Amol P. Solanke**, Ashutosh Kumar and Rutuja S. Pisal (2025) Integrated peat and disease management in floriculture. *Floriculture and Landscaping: Crafting Beauty Through Science and Art.* Published by *Stella International ™ Publication. ISBN:978-93-48909-09-1*
3. **Amol P. Solanke**, Rushikesh M. Bhusari, Suraj N. Gund and Manish V. Chavhan (2025) Food Safety and Quality Standards in Vegetable Production and Processing. Vegetable Science and Technology; Bridging Research and Practical Applications. Published by *Stella International ™ Publication. ISBN:*

BOOK

1. Suraj Nivarutti Gund, **Amol P. Solanke**, Dr. Bhumika Banjare, R. G. Vyshnavi author of book entiltled “Objective Crop Physiology: A Comprehensive Guide” Published by SR Edu Publications.

ISBN No. (Under pipelined)

POPULAR ARTICLES

1. S. U. Kalbhor, **A. P. Solanke,** and S. N. Gund (2025, March)**.** Harnessing entomological innovations for sustainable agriculture: Bridging ecology and food security. *AgriGate- An International Multidisciplinary e-Magazine,* 5(3), 160-171. ISBN: 978-81-965582-9-1. Article ID: AG-VO5-I03-26.

2. S. N. Gund, **A. P. Solanke,** and S. U. Kalbhor (2025, March). Climate control and automation in Greenhouse. *AgriGate- An International Multidisciplinary e-Magazine,* 5(3), 1-7. ISBN: 978-81-965582-9-1. Article ID: AG-VO5-I03-01

3. **Amol P. Solanke** & Dnyaneshwar A. Raut (2025, February). टोमॅटो लागवड तंत्रज्ञान व व्यवस्थापन. गोडवा शेतीचा, २०-२४.

4. Gund, S. N., **Solanke, A. P.**, & Kalbhor, S. U. (2025, January). Advances in understanding photosynthesis efficiency. *AgriGate- An International Multidisciplinary e-Magazine,* 5(1), 656–661. ISBN: 978-81-965582-9-1. Article ID: AG-V05-I01-111.

5. Dnyaneshwar Raut, **Amol Solanke** & Sharad Gadakh (2025, January). Evaluating Drought Tolerance in Ascorbic Acid-Rich and Poor Chickpea Genotypes: Insights for Breeding Resilient Varieties. *Just Agriculture- Multidisciplinary e-newsletter,* e-ISSN: 2582-8223, 5(5) 1-2. Article ID:43

6. S. N. Gund, **A. P. Solanke** and S. U. Kalbhor **(**2024, November). Sugar beet: a sustainable crop for saline environment. *AgriGate- An International Multidisciplinary e-Magazine,* 4(11), 544-549. ISBN: 978-81-965582-9-1. Article ID: AG-V04-I11-91.

7. **Solanke, A. P.**, Gund, S. N., & Kalbhor, S. U. (2024, September). आल्याचे उत्पादन सुधारण्यासाठी लागवड पश्चात् आधुनिक तंत्रज्ञान. *गोडवा शेतीचा*, 47–49.

8. Gund, S. N., **Solanke, A. P.**, & Gulwane, V. P. (2024, September). कारले पिकाची आधुनिक लागवड तंत्रज्ञान: उत्पादन व व्यवस्थापन. *गोडवा शेतीचा*, 41–43.

9. **Solanke, A. P.**, Kalbhor, S. U., & Gund, S. N. (2024, September). The nutritional significance of insects in the human diet. *AgriGate- An International Multidisciplinary e-Magazine*, 4(9), 157–164. ISBN: 978-81-965582-9-1. Article ID: AG-V04-I09-31.

10. Gund, S. N., **Solanke, A. P.**, & Kalbhor, S. U. (2024, September). Nano urea: Revolutionizing sustainable agriculture for enhanced crop yield. *AgriGate- An International Multidisciplinary e-Magazine*, 4(9), 60–64. ISBN: 978-81-965582-9-1. Article ID: AG-V04-I09-14.

11. **Solanke, A. P.**, Ambhore, A. M., & Kumar, A. (2024, May). Physiological disorders in tomato plants: Management strategies. *Agriculture & Food E-Newsletter*, 6(5), 208–212. ISSN: 2581-8317. Article ID: 48865.

12. Gund, S. N., **Solanke, A. P.**, & Kalbhor, S. U. (2024, May). Unveiling semi-hydroponics: Revolutionizing home gardening. *AgriGate- An International Multidisciplinary e-Magazine*, 4(5), 153–158. ISBN: 978-81-965582-9-1. Article ID: AG-V04-I05-25.

13. **Solanke, A. P.**, Pawar, R. A., & Gund, S. N. (2024). Grape cultivation: Plant growth hormones. *Farm Chronicle - An Agriculture Newsletter*, 3(3), 7–12. e-ISSN: 2583-732X.

14. Gund, S. N., **Solanke, A. P.**, & Kalbhor, S. U. (2024, March). Reviving the earth: Harnessing the power of bioremediation. *AgriGate- An International Multidisciplinary e-Magazine*, 4(3), 380–382. ISBN: 978-81-965582-9-1. Article ID: AG-V04-I03-65.

15. Gund, S. N., **Solanke, A. P.**, & Kalbhor, S. U. (2024, July). Arbuscular mycorrhizal fungi as plant biostimulants for sustainable agriculture. *AgriGate- An International Multidisciplinary e-Magazine*, 4(7), 543–555. ISBN: 978-81-965582-9-1. Article ID: AG-V04-I07-94.

16. **Solanke, A. P.**, Kalbhor, S. U., & Gund, S. N. (2024, April). Revolutionizing Indian agriculture: Embracing precision techniques. *Agriculture & Food E-Newsletter*, 6(4), 511–514. ISSN: 2581-8317. Article ID: 48764.

17. **Solanke, A. P.**, Gurav, M. D., & Pawar, R. A. (2024, April). हळद: शास्त्रीय पद्धतिने काढणी व काढणी पश्चात् तंत्रज्ञान. *गोडवा शेतीचा*, 24–27.

18. Kalbhor, S. U., **Solanke, A. P.**, & Gund, S. N. (2024, April). Colony collapse disorder: Key factors driving honeybee decline. *AgriGate- An International Multidisciplinary e-Magazine*, 4(4), 680–684. ISBN: 978-81-965582-9-1. Article ID: AG-V04-I04-110.

19. **Solanke, A. P.**, Gund, S. N., & Kalbhor, S. U. (2024, April). Exploring biostimulants: Natural solutions for optimal crop growth and yield. *AgriGate- An International Multidisciplinary e-Magazine*, 4(4), 685–692. ISBN: 978-81-965582-9-1. Article ID: AG-V04-I04-111.

20. **Solanke, A. P.**, Lipane, R. R., & Wagh, R. (2023, November). पीक संजीवके व त्यांचा प्रमुख पिकामधील वापर. *गोडवा शेतीचा*, 24–26.

21. Raut, D. A., **Solanke, A. P.**, & Lipane, R. R. (2023, November). कांदा पिकातील एकात्मिक अन्नद्रव्य व्यवस्थापन. *गोडवा शेतीचा*, 33–34.

AWARDS:

- 2022 Chhatrapati Shahu Maharaj National Research Fellowship (CSMNRF-2022) – **Senior Research Fellowship Award for Doctoral Degree** (SARATHI, Pune).

REFERENCE

Name	Designation	Address
Dr. S. R. Gadakh	**Vice-chancellor**	Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Dist. Akola 444104 (MH.) E-mail: gadakh_sharad@rediffmail.com Mobile: +91 9822014518
Dr. Gurumurthy S.	**Senior Scientist**	ICAR-National Institute of Abiotic Stress Management, Baramati 413115, Dist. Pune (MH). E-mail: guru2010.murthy@gmail.com Mobile: +91 8081729469

DECLARATION

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Date: / /

Yours Faithfully
(Amol Pralhadrao Solanke)