

## REFERENCES

- [1] T. Dymova and I. Abdulmyanova, “Historical and Contemporary Aspects of the Development of Distance Learning,” *UniversumPsychology Educ.*, vol. 118, no. 4, pp. 31–35, 2024, doi: 10.32743/unipsy.2024.118.4.17054.
- [2] M. Sekhar *et al.*, “Exploring Traditional Agricultural Techniques Integrated with Modern Farming for a Sustainable Future : A Review,” *J. Sci. Res. Reports*, vol. 30, no. 3, pp. 185–198, 2024, doi: 10.9734/jsrr/2024/v30i31871.
- [3] L. Xiong, F. Shah, and W. Wu, “Environmental and Socio-Economic Performance of Intensive Farming Systems with Varying Agricultural Resource for Maize Production,” *SSRN Electron. J.*, 2022, doi: 10.2139/ssrn.4084673.
- [4] D. L. Haase *et al.*, “The high cost of the low-cost polybag system: A review of nursery seedling production systems,” *Land*, vol. 10, no. 8, pp. 1–19, 2021, doi: 10.3390/land10080826.
- [5] A. L. Duguma and X. Bai, “How the internet of things technology improves agricultural efficiency,” *Artif. Intell. Rev.*, vol. 58, no. 2, pp. 1–26, 2025, doi: 10.1007/s10462-024-11046-0.
- [6] R. Tridio Saputra, E. HD, and M. Yanita, “Analysis of Oil Palm Seedling Farming Bussiness (Case Study of Tridian Nursery and Sumber Makmur),” *AJARCDE (Asian J. Appl. Res. Community Dev. Empower.*, vol. 8, no. 2, 2024, doi: 10.29165/ajarcde.v8i2.410.
- [7] R. A Kinseng, “The Sajogyo Development Paradigm and its Relevance for the Development of Coastal Areas in Indonesia,” *Sodality J. Sociol. Pedesaan*, vol. 12, no. 1, pp. 1–17, 2024, doi: 10.22500/12202452622.
- [8] P. Saikia, B. Sahu, G. Prasad, and K. Kumar, “Smart Infrastructure Systems : A Review of IoT-Enabled Monitoring and Automation in Civil and Agricultural Engineering,” no. March, 2025, doi: 10.9734/ajrcos/2025/v18i4606.

- [9] K. Kumar and G. Rabha, “Renewable Energy in Agriculture : Enhancing Aquaculture and Post- Harvest Technologies with Solar and AI Integration,” no. December, 2024, doi: 10.9734/ajrcos/2024/v17i12539.
- [10] B. Yıldız, “Turkey Article Type: Original Research Article Received,” *Quantrade J. Complex Syst. Soc. Sci.*, vol. 3, no. 1, pp. 27–44, 2021, [Online]. Available: <http://www.dergipark.gov.tr/quanttrade>
- [11] W. Liu *et al.*, *Key Technologies in Intelligent Seeding Machinery for Cereals: Recent Advances and Future Perspectives*, vol. 15, no. 1. 2025. doi: 10.3390/agriculture15010008.
- [12] M. S. Hossain *et al.*, “Automatic navigation and self-driving technology in agricultural machinery: A state-of-the-art systematic review,” *IEEE Access*, vol. 13, no. May, pp. 94370–94401, 2025, doi: 10.1109/ACCESS.2025.3573324.
- [13] C. John and Creswell David, “Research design: qualitative, quantitative, and mixed methods approaches,” *Sage Publ.*, vol. 16, no. 4, p. 275, 2014, [Online]. Available: [https://www.ebooks.com/95887090/research-design/creswell-john-w-creswell-j-david/?fc=MY&src=feed&gclid=CjwKCAjwj4zaBRABEiwA0xwsP4U5JGmf9boYzchbEiJksnD48-R\\_5aCetJQB5s36Qzf3CZwX0AHY-BoCZlcQAvD\\_BwE](https://www.ebooks.com/95887090/research-design/creswell-john-w-creswell-j-david/?fc=MY&src=feed&gclid=CjwKCAjwj4zaBRABEiwA0xwsP4U5JGmf9boYzchbEiJksnD48-R_5aCetJQB5s36Qzf3CZwX0AHY-BoCZlcQAvD_BwE)
- [14] J. Haviland and P. Corke, “Robotics Software: Past, Present, and Future,” *Annu. Rev. Control. Robot. Auton. Syst.*, vol. 7, no. 1, pp. 253–283, 2024, doi: 10.1146/annurev-control-061323-095841.
- [15] M. Jubair *et al.*, “A Comprehensive Review on Intelligence Control for Complex System,” *Int. J. Adv. Eng. Res. Sci.*, vol. 11, no. 1, pp. 044–049, 2024, doi: 10.22161/ijaers.11.7.
- [16] S. Nor and Z. Ahyadi, “Mesin Pengisian Cairan Otomatis Menggunakan Arduino dan LabVIEW,” vol. 14, pp. 62–68, 2025, doi: 10.22146/jnteti.v14i1.7058.
- [17] T. F. Ramadhan and W. Triono, “Sistem Monitoring Ketinggian Air Dan Pengendalian Pintu Air Berbasis Microcontroller Nodecode Mcu Esp8266,”

- J. Teknol. Inf. dan Komun.*, vol. 10, no. 2, 2021, doi:  
10.56244/fiki.v10i2.396.
- [18] A. Sugiharto, Y. A. Nugroho, and A. Z. Al Faritsy, “Perancangan dan Implementasi Mesin Pengolah Kumbu Bakpia Berbasis Teknologi Automasi,” *J. Teknol. Proses dan Inov. Ind.*, vol. 3, no. 2, p. 33, 2019, doi:  
10.36048/jtpii.v3i2.4271.
- [19] A. M. Ritonga and A. S. Hitapriya, “Analisis Kinerja Mesin Rotary Dryer Berbahan,” vol. 15, no. 2, pp. 605–618, 2024, doi:  
10.21776/jrm.v15i2.1391.
- [20] A. Kanade *et al.*, “Analysis of wireless network security in internet of things and its applications,” *Indian J. Eng.*, vol. 21, no. 55, pp. 1–12, 2024, doi:  
10.54905/disssi.v21i55.e1ije1675.

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