




International Advanced Computing Conference

IACC 2022: **Advanced Computing**, pp 384–390

[Home](#) > [Advanced Computing](#) > Conference paper

Digitized Smart Farming Technology for Urban Agriculture for Future Sustainability

[S. Sai Kumar](#), [K. Subba Shankar](#), [E. Sunil](#), [P. Saidulu](#), [N. Rajeswaran](#)  & [G. Venkata Hari Prasad](#)

Conference paper | [First Online: 14 July 2023](#)

152 Accesses

Part of the [Communications in Computer and Information Science](#) book series (CCIS, volume 1781)

Abstract

The world is experiencing rapid urbanization, and its effects on society, the economy, and the environment are of vital concern. India is gradually acquiring experience with the use of drones for crop protection. Crop health is closely monitored in real time using drone and Artificial Intelligence (AI)

Author information

Authors and Affiliations

**Department of Information Technology, PVP
Siddhartha Institute of Technology, Vijayawada,
Andhra Pradesh, India**

S. Sai Kumar

**Department of Computer Science and
Engineering, Malla Reddy Engineering College,
Secunderabad, Telangana, India**

K. Subba Shankar & E. Sunil

**Department of Information Technology, Malla
Reddy Engineering College, Secunderabad,
Telangana, India**

P. Saidulu

**Department of Electrical and Electronics
Engineering, Malla Reddy Institute of Engineering
and Technology, Secunderabad, Telangana, India**

N. Rajeswaran

**Department of Electronics and Communication
Engineering, CMR College of Engineering and
Technology, Hyderabad, Telangana, India**

G. Venkata Hari Prasad

Corresponding author

Correspondence to [N. Rajeswaran](#).

Editor information

Kumar, S.S., Shankar, K.S., Sunil, E., Saidulu, P., Rajeswaran, N., Prasad, G.V.H. (2023). Digitized Smart Farming Technology for Urban Agriculture for Future Sustainability. In: Garg, D., Narayana, V.A., Suganthan, P.N., Anguera, J., Koppula, V.K., Gupta, S.K. (eds) Advanced Computing. IACC 2022. Communications in Computer and Information Science, vol 1781. Springer, Cham.
https://doi.org/10.1007/978-3-031-35641-4_31

[.RIS](#)  [.ENW](#)  [.BIB](#) 

DOI	Published	Publisher Name
https://doi.org/10.1007/978-3-031-35641-4_31	14 July 2023	Springer, Cham

Print ISBN	Online ISBN	eBook Packages
978-3-031-35640-7	978-3-031-35641-4	Computer Science Computer Science (RO)

Publish with us

[Policies and ethics](#)