**CHAPTER-9**

**CONCLUSION**

* Design a blockchain-based framework to guarantee the agri-food safety with product traceability in ASC systems. DR-SCM method to make decisions on the production and storage of agri-food products for optimizing product profits in ASCs. The extensive simulation experiments verify the effectiveness of the proposed blockchain-based framework and the DR-SCM method for ASC optimization. More specifically, the results show that the proposed blockchain-based ASC framework can well guarantee reliable product traceability.