

Curriculum Vitae



NAME & SURNAME: Yaghoob Mansoori

DATE OF BIRTH: July 11, 1974

 **ADDRESS, SUBURB, STATE, POSTAL CODE:** Department of Biosystem Engineering, Faculty of Agriculture, Shahid Chamran University of Ahvaz, Ahvaz, Iran, And Postcode: 6135783151.

 **PHONE/MOBILE NUMBER:** +98-61-33334057, +9809166224292

 **E-MAIL ADDRESS:** Y.mansoori@scu.ac.ir

PROFESSIONAL PROFILE:

Assistant Professor of Biosystems Engineering in Shahid Chamran University (SCU) of Ahvaz.

EDUCATION BACKGROUND:

Ph.D.: Mechanics of Agricultural Machinery (2006), Tarbiat Modares University, Tehran, Iran

Thesis title:

“A study on physical and Mechanical properties of Date fruit (Estamaran and Zahidi Cultivars)”

M.Sc.: Agricultural Engineering (Power and Machinery) (1999), Tarbiat Modares University, Tehran, Iran

Dissertation title:

“Design and development of a rotary tiller as an attachment to Ashtad power tiller”

B.S.: Agricultural Machinery (1997), Shahid Chamran University (SCU) of Ahvaz, Ahvaz, Iran

TEACHING AND TRAINING EXPERINCE:

Curriculum Vitae



- Physical properties of Agricultural materials and Food products
- Engineering principles of Agricultural Machinery design
- Pesticide Application Methods
- Engineering principles of food and agricultural products processing equipment
- Agricultural Machinery

HONOURS AND AWARDS:

2014: Teaching Award for elected professors of the year at Shahid Chamran University of Ahvaz

2006: Top PhD graduate

INTERESTS AND RESEARCH FIELDS:

- Biophysical Properties of Agricultural Materials
- Processing equipment in food and agriculture (especially: dryers, coolers, sorters)
- Design and Evaluation of Agricultural Machinery
- Bioenergy from food and agricultural wastes

RESEARCH ACTIVITIES:

PUBLICATIONS:

- MohammadiAmini, Z. Mansoori, Y. ZakiDizaji, H. 2014. Feasibility study of cultivation of vegetables using a native planter in Khuzestan. *IJABBR*. 2(12): 2891-2897.
- Hosseini, M. Mansoori, Y. Mostaan, A. Rajaei. 2014. Effect of Ultrasonic, Microwave, Chemical, and Osmotic pre-treatments on quality indexes (Texture, Color, and Rehydration Ratio) of dried button mushroom slices in hot air drying. *IJABBR*. 2(7): 2294-2300.
- Saghouri, M. Mansoori, Y. Rohani, A. Haddad Khodaparast, M.H. Sheikhdavoodi, M. J. 2018. Modelling and evaluation of anaerobic digestion process of tomato processing wastes for biogas generation. *J Mater Cycles Waste Manag* 20:561–567.
- Hasnaki, N. Mansoori, Y. Asakereh, A. 2020. Potential of Substituting Bagasse for Natural Gas in Karun Sugar Factory and Its Economic Evaluation. *Iranian Journal of Biosystem Engineering*. 51(1):11-21. (in Persian with English abstract).
- Afifi, R. Mansoori, Y. ZakiDizaji, H. AkbariZadeh, G. 2019. Grading Zahedi dates based on external features using image processing and machine learning methods. *Journal of Agricultural Engineering (soil science & Agricultural Machinery)*. 49(3):73-84. (in Persian with English abstract).
- Heidarpour, N. Bahrami, H. Mansoori, Y. Hojati, S. 2018. Feasibility Study of Determination of Planting Areas for Wheat and Canola using GIS (Case Study: Maroon Basin of Khuzestan Province). *Agroechology*. 2(2):473-489. (in Persian with English abstract).

Curriculum Vitae



- HeidarPour, N. Bahrami, H. Mansoori, Y. Hojati, S. 2017. Feasibility of implementing conservation agriculture with TOPSIS multi-criteria technique in GIS (case study: Maroon Basin of Khuzestan Province). Iranian Journal of Biosystem Engineering .48(4):539-551. (in Persian with English abstract).
- Mortazavi, M.H. Arzani, K. Mansoori, Y. 2012. The effects of different temperature and duration of hydration on the quality of dried date fruits, cv. Barhee. Electronic Journal of Food Processing and Preservation.1(4): 79-91.

CONFERENCE PRESENTATIONS:

Mortazavi M. H., Mansuri I, Arzani, K. Barzegar, M. Effect of hydration conditions on the quality characteristics of dried date fruit. 27th International Horticultural Congress & Exhibition, August 2006, Seoul, Korea.

RESEARCH PROJECTS:

Design and construction an instrumented vacuum cooler for research purposes

PROFESSIONAL MEMBERSHIPS:

Iranian Society of Agricultural Machinery and Mechanization

LANGUAGES:

PERSIAN: Native

ENGLISH: Intermediate

ARABIC: Intermediate