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EDUCATION AND TRAINING

- A B.Sc. (Please indicate if it was with Honours) in Agricultural Machinery Engineering from- Tabriz University (Iran), Oct. 1986-1990.
- B M.Sc. in Mechanics of agricultural machinery engineering from-Tehran University (Iran), Oct.1991 - 1993.
- C Ph.D. in Agricultural Machinery Engineering Educated in Cranfield University at Silsoe Collage (England), May 1997- March 2001.

RESEARCH INTERESTS

- A Precision Agriculture (Yield Monitoring and Mapping Systems)
- B Design, Construction and Modification of Farm Machinery and Implements Prototype
- C New Technology in Combine Harvesting
- D Conservation Agriculture (Residue harvesting machinery)
- E GPS/GIS system Application in Spot Agriculture
- F Research program planning and formulation

ADDITIONAL INFORMATION

Honors

- A Tractor Mounted Mower Binder-National Invention
- B Cotton Stalk Puller- National Invention
- C Research Programme Formulation (ISNAR Programme)
- D Membership in Agricultural Machinery Engineering and Mechanization Society
- E Membership in Iranian Society of Mechanical Engineering

Projects

- Tractor Mounted Mower Binder.
- Date Palm Leaf Pruning Machine.
- Feasibility of Using Combines Harvesting to Harvest Legumes.
- Assessment Possibility of Mechanized Harvesting of two Bean Cultivars and Economical Comparison with Conventional Method.
- Mass Flow Rate Measurement System for Root Crop Harvesting.

- Design, Construction and Evaluation of Cotton Stalk Puller Performance.
- Assessment and Determination of Corn Harvesting Losses to Introduce Proper Strategy for Decreasing Losses.
- Investigation on Performance Evaluation of Grain Loss Monitor on Combine Harvesting.
- Assessment and Comparison of New Combines with Conventional Types to Recommend Modification and Improvement Parameters.
- Investigation Of Suitable Method Of Mechanized Corn Residues Harvesting Based On Quality And Quantity Of Harvested Residues And Machine Performance Parameters.
- Design, Construction And Performance Evaluation Of Tractor Mounted Date Palm Leaf Pruning Machine
- Conceptual Design of Proper Tractor Mounted Date Palm Lifter/Service Machine.
- Assessment and Field Evaluation of Grain Loss Monitor Performance on Combine Harvesting JD 1165.
- Installation, Calibration and Field Evaluation of Yield Monitoring and Mapping System Performance on CLASS-510 Combine Harvesting.
- Investigation on the Methods of Controlling Quantity and Quality Losses of Alfalfa during the Harvesting and Baling Process.
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Selected Publications

- Investigation on Performance of a Continuous Mass Flow Rate Measurement System for Potato Harvesting- Agricultural Engineering International: The CIGR E-Journal. Manuscript PM 06 031. Vol. IX. May 2007.
- Evaluation of a Cotton Stalk Puller Performance. 2008. American- Eurasian Journal of Sustainable Agriculture. 2(1): 19-24.
- Mass Flow Rate Measurement System Performance. 2009. Journal of Agricultural Science and Technology. Vol. 11: 259-274.
- Field Evaluation of Grain Loss Monitoring On Combine JD 955 – 2010. Advance in Environmental Biology, 4(2): 162-167, ISSN 1995-0756.
- Performance Evaluation Of Mass Flow Rate Measurement System For Root Crop Harvesting To Precision Farming

Application-2011-Sustainable Agricultural Science Journal-
Vol.(20), No. 4-2011-ISSN 2008-5141.

- Energy and Economic Analysis of Different Seed Corn Harvesting Systems in Iran. Energy 43 (1), 469-476.
- Investigation and Technical Comparison of New and Conventional Wheat Combines Performance for Improvement and Modification. Agricultural Engineering International: CIGR Journal 13 (3).
- Mass Flow Rate Measurement System Performance on Potato Harvesters. Journal of Agricultural Science and Technology 11, 259-274.
- Evaluation of a Cotton Stalk Puller Performance. American-Eurasian Journal of Sustainable Agriculture.
- Optimization of Seed Corn Harvesting Losses Applying Response Surface Methodology. Research Journal of Applied Sciences, Engineering and Technology 4 (15).
- Technical and Economical Assessment of Applying Precision Farming Using Mathematical Model on Irrigated Wheat Production. Journal of Multidisciplinary Engineering Science and Technology (JMEST) 2 (2).
- Economical and Technical Study of Precision Farming Application in Conventional System of the Wheat Production in Two Agro-Industry Companies of Khuzestan Province. American Association for Science and Technology (AASCIT).
- Evaluation of Yield Monitoring and Mapping System Performance in Harvesting Cereals. Agricultural Engineering Research Institute of Iran AERI.
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Participation in
Commissions for Research
Policy

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- A Research Programme Formulation (ISNAR Programme)
 - B Development and Improvement of Agricultural Mechanization Strategic Plan
 - C Development and Improvement of Corn Strategic Plan
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