

In the name of God

Curriculum Vitae

Personal information

Name and surname: Aida Moezzi pour

Father's name: Ahmad

Issued by: Sabzevar

Date of birth: 31 August 1986

Married

Child: 1

Residential address: Alborz province, Karaj, Baghistan, Golestan 14, plate 22, unit 1

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Academic activities

Bachelor's degree

University of Tehran - Faculty of Natural Resources. 2004-2008

GPA 17/67

Bachelor project title:

Investigating the possibility of using several types of waste as a filler for urea formaldehyde glue in the manufacture of plywood

Supervisor: Dr. Dost Hosseini.

Master's degree

-Obtaining the 7th rank in the master's entrance exam

University of Tehran, Faculty of Natural Resources, 2008-2011

The title of Master's Thesis: Investigating the properties of brake pads made of lignocellulosic materials and the effect of nano alumina on its properties

Supervisor: Mr. Dr. Mohammad Layghi.

The GPA of the Master's course: 18/64

Thesis grade: 19/70 top grade

PHD Degree

University of Tehran, Faculty of Natural Resources 2018-2019 (two semesters of maternity leave)

The thesis title :Investigating the effects of irrigation with waste leachate on the biological characteristics and anatomy of the wood of spruce trees and sparrow tongue for the purpose of application in plant treatment, grade: excellent

A six-month period of study opportunity at Sharif University of Technology

GPA of doctoral course without thesis grade: 17/72

Research Activities

List of articles published in scientific research journals indexed in ISC "

Internal articles

- Asghar Tarmian, Mehdi Faezipour, Ali Naghi Karimi, Davood Parsapajhuh, Aida Moezzi-pour, Comparative study of physical and biometric properties of tensile wood fibers and normal wood of beech species in Iran, Research and Construction Quarterly, 2017, 21 (4), 39-
- Aida Moezzi-pour, Mohammad Layeghi, Ghanbar Ebrahimi, Babak Akbari, investigating the possibility of using lignocellulosic materials and nano aluminum oxide in the production of brake pads. Iranian Journal of Natural Resources, Journal of Forest and Wood Products, 2013, 67(2), 283-294.
- Aida Moezzi-pour, Kambiz Pourtahmasi, Babak Moteshaezadeh , Reza Oladi, Ahmad Ramezani, Effect of irrigation with waste leachate on the amount of chemical elements in the aerial parts of spruce trees and sparrow tongue, Forest Magazine, 1398, 11 (4), 458-475.
- Bita Moezzi-pour, Mohammad Ahmadi, Aida Moezzi-pour, Ali Abdolkhani, Investigation of the quality and level of pollution of the effluent from MDF waste recycling process, Environmental Science and Technology Quarterly, 2018, (9), 161-170.
- Mohammad Ahmadi, Bita Moezzi-pour, Aida Moezzi-pour, Meraj Sharari, Akbar Rostampour, Investigating the possibility of making fiberboard from recycled fibers from

MDF waste and waste paper and the effect of using polyvinyl acetate adhesive on its practical properties, Journal of Wood Industries and Iran Paper, 2019, (2), 172-183.

- Bita Moezzi-pour, Aida Moezzi-pour, Investigating the possibility of using rice paddy and paper waste in the production of copper-free brake pads, Iranian Journal of Wood and Paper Industries, (1399), 11(4), 571-583.
- Bita Moezzi-pour, Aida Moezzi-pour, Mohammad Ahmadi, Farajollah Hajjalizadeh, investigation of structural characteristics and thermal stability of cellulose nanocrystals produced from waste paper, 1401, Journal of Wood and Paper Industries of Iran
- Mohammad Ahmadi, Aida Moezzi-pour, Bita Moezzi-pour, investigation of the effect of using Nano cellulose synthesized from waste paper in improving the wear rate of brake pads, 1401, Iranian Journal of Wood and Paper Industries.

International articles

- Bita Moezzi-pour, Mohamad Ahmadi, Aida Moezzi-pour, Physical and mechanical properties of reinforced plywood with natural fibers, Journal of the Indian Academy of Wood Science (2017), 14:70-73. (Scopus)
- Mohammad Ahmadi, Bita Moezzi-pour, Aida Moezzi-pour, Thermal Stability of Wood Fibers Produced from Recycled Medium Density Fiberboards, 2019, Drvna Industrija 70(2):149-155.(JCR).
- Bita Moezzi-pour, Aida Moezzi-pour, DRVNA Indusrija, Thermal behavior of insulation fiberboards made from MDF and paper wastes, 2021, 72(3), 245-254

Papers presented in conferences

- Mohammad Ahmadi, Bita Moezzi-pour, Aida Moezzi-pour, review of the applications of bio-composites made of cellulose Nano-fibers, conference on the use of composites in Iranian industries (2015), Tehran, Iran.
- Seyed Hamed Rasouli, Aida Moezzi-pour, Examining the place of science and technology in the thoughts of Imam Khamenei, the third conference on the explanation of Imam Khamenei's defense thought (2015), Tehran, Iran
- Mohammad Ahmadi, Aida Moezzi-pour, Bita Moezzi-pour, review of different methods of reducing formaldehyde emission from wood composite products, the first international conference and the fourth national conference on the protection of natural resources and environment (2018), Ardabil, Iran

- Mohammad Ahmadi, Aida Moezzi-pour, Bit-a Moezzi-pour, investigation of paper pulp production by organic solvent method, the first international conference and the fourth national conference on protection of natural resources and environment (2018), Ardabil, Iran.
- Mohammad Ahmadi, Bit-a Moezzi-pour, Aida Moezzi-pour, evaluation of paper pulp production by alkaline anthraquinone sulfite method, the first international conference and the fourth national conference on protection of natural resources and environment (2018), Ardabil, Iran.
- Bit-a Moezzi-pour, Aida Moezzi-pour, review of medium density fiberboard (MDF) waste applications, 7th National Congress of Biology and Natural Sciences of Iran, 2019, Tehran, Iran.
- Aida Moezzi-pour, B. Ta Moezzi-pour, investigation of the effects of irrigation with waste leachate on the proline content of poplar trees *Populus deltoides* and sparrow *Fraxinus excelsior*, the first national conference on green waste management, Ardabil, Iran, 1400

Published book

The title of the book	Publishers	Year
Recycling of medium density fiberboard waste	academic jihad	2021

Patent

title	registration number	Year
Brake pads made of lignocellulosic materials	70506	2011
Composition of copper-free friction materials for the production of brake pads	104507	2021

Implementation of research projects

Organization	Title	Date
Parks Organization of Karaj Municipality	Investigating the effects of irrigation with waste leachate on the biological characteristics and anatomy of spruce and sparrow's tongue for use in plant treatment	2019
Mohaghegh Ardabili University	Production of brake pad friction material compounds using agricultural waste	2020
Mohaghegh Ardabili University	The use of nanocellulose synthesized from waste paper in strengthening the characteristics of brake pads	2020
Mohaghegh Ardabili University	Production of nano cellulose from waste paper	2021

Honors

Title	Year
The winner of the regional festival of inventions of Alborz province Organized by the National Elite Foundation	2012
Winner of the 5th Fajr Festival of Inventions and Innovations in the commercialization sector	2012
Awarded inventions from South Korea	2012
Selected for the first national festival of applied student designs, theses and employer based theses	2020
Obtaining approval of the plan from the Scientific and Industrial Research Organization of Iran	2022

Resume

Production manager at Jails home and office furniture factory. 2011-2013

Head of planning at Mahsan Sanat factory (Aida Profile)2013-2014

Head of the research and development department at the Parsian Pad factory.
2017-2019

English language degree

Title	Grade	Year
UTEPT	80/100	2010

Participation in scientific courses and specialized training workshops

Title	Organizer	Year
Nanotechnology seminar	Department of Science Engineering and Wood and Paper Industries, University of Tehran	2013
international training seminar on timber engineering and wood mechanics	Faculty of Natural Resources, University of Tehran	2014
Training seminar on wood pressure plates	Department of Science Engineering and Wood and Paper Industries, University of Tehran	2015
Scientific and practical wood and resin workshop	Department of Science Engineering and Wood and Paper Industries, University of Tehran	2019

Teacher of specialized training workshops

Title	Organizer	Date
Brake pad training seminar	Mega motor Co	2018

Specialized certificate

Title	Executive	Year
Training certificate of modeling course with Solid works	Academic Jihad University of Tehran	2011
Advanced Business Management MBA Training Certificate	Professional technical organization	2011

Acknowledgements:

- **Certificate of thanks for cooperation with the Department of Science and Wood and Paper Industries of Tehran University in setting up Tehran University's booth at the 18th International Home and Office Furniture Exhibition HOFFEX 2009**
- **Certificate of thanks for cooperation with the Department of Science and Wood and Paper Industries of Tehran University in setting up Tehran University's booth at the 18th International Exhibition of Home and Office Furniture HOFFEX 2010**
- **Certificate of thanks for cooperation with the Department of Science and Wood and Paper Industries of Tehran University in organizing the Exhibition of Natural Resources Week, Faculty of Natural Resources, University of Tehran.**
- **Certificate of appreciation for participating in the third conference explaining Imam Khamenei's defense thoughts**
- **participating in the 14th international environmental exhibition with the slogan of green economy, resistance economy**

Miscellaneous activities

- Member of the Student Scientific Association of the Department of Science and Wood and Paper Industries, University of Tehran
- Internship in Jalis furniture factory-
- Cooperation in setting up Tehran University's booth at the HOFFEX furniture exhibition in 2010 and 2009
- Cooperation with Iranian wood and paper industry magazine for 5 years

Skills

- Complete familiarity with English language in reading and translation, as well as moderate familiarity in speaking
- Skill in preparing copper-free and asbestos-free formulations for the Production of brake pads

Familiarity with Autocad and Solidworks software

- Familiarity with Office
- Familiarity with Image j software
- Familiarity with spss statistical software

Practical familiarity with wood CNC machines and other machines related to wood industry (press, gluer, band and circular saw, grater, grinder, chipper, milling machine, etc.)

Favorites:

- Interested in working in research fields related to industry and environment
- Interested in history, literature and art