Personal Information

First Name:	Pejman
Last Name:	Rezayati Charani
Department:	Forestry and Cellulose Engineering
Field of study:	Pulp and Paper Technology
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Research Interests

1. Modification and application of starch in paper making
2. Nanotechnology applications in the paper industry
3. Production and application of cellulose nanofibers in paper and paperboard production
4. The use of Co-rotating twin-screw extruders in the pulp and paper industry
5. Paper filters
6. Nanocellulose gel rheology
7. Bleaching of paper pulp
8. Modeling and optimization of pulping and paper making processes
9. Pulping of wood and non-wood materials with organic solvents
10. Cellulose derivatives
11. Recycling of waste paper
12. Waterproof and increase the resistance to wet paper

Education

1. **Diploma**: 1995-1998, Azadegan High School, Rezvanshahr, Gilan, Iran, Experimental Science Field
2. **BSc**:1995-1999, Gorgan University of Natural Resources and Agriculture, Investigation of optimum combination of nonwood pulps for papermaking
3. **MS**: 2002-2004, Tarbiat Modarres University, Influence of dimethyl formamide pulping of bagasse on pulp and paper properties
4. **PhD**: 2008-2013, Gorgan University of Natural Resources and Agriculture, Preparation and Using of Kenaf Nanofibers for Improvement of Physical-Mechanical Properties of Kraft Paper

Research Experience

1. Investigation of optimum combination of nonwood pulps for papermaking, Gorgan University of Natural Resources and Agriculture, 1999.
2. Resistograph application in the pulp and paper industry, Tarbiat Modarres University, 2005.
3. Influence of dimethyl formamide pulping of bagasse on pulp and paper properties, Gorgan University of Natural Resources and Agriculture, 2002.
4. Review and develop strategies for the pulp and paper industry in short-term and long-term phase under the Ministry of Industries and Mine, Chemical Engineering Dept. Tehran university, 2006.
5. Bamboo study as a cellulosic raw material for pulp and paper industry, Chemical Engineering Dept. Tehran university, 2006.
6. Introduction of experimental design: analysis - results – regressions, Gorgan University of Natural Resources and Agriculture, 2010.
7. An overview of the stock preparation of wood and paper industries, Chuka, Iran, 2010.
8. An overview of the paper machine of wood and paper industries, Chuka, Iran, 2011.
9. An overview of the dry end section of wood and paper industries, Chuka, Iran, 2012.
10. Production of microfibrillated cellulose from unbleached kraft pulp of Kenaf and its effect on the properties of hardwood kraft: microfibrillated cellulose paper, Gorgan University of Natural Resources and Agriculture, 2013.
11. Production and application of cellulose nanofibers to improve the properties of kraft paper, Department of Chemical Engineering, Swedish pulp and Paper Research Center, *Innoventia* AB, 2013.

University and industries teaching courses

Bachelor of Science

1. Wood chemistry- Department of Cellulose Technology Engineering
2. Pulping technology 1- Department of Cellulose Technology Engineering
3. Pulping technology 2- technology - Department of Cellulose Technology Engineering
4. Pulp bleaching technology- Department of Cellulose Technology Engineering
5. Papermaking 1- Department of Cellulose Technology Engineering
6. General English - Department of Statistic
7. General English - Department of Environment
8. General English - Department of Forestry
9. Cellulosic Industries - Department of Chemical Engineering
10. Cellulosic Lab - Department of Chemical Engineering
11. Grading and evaluation of wood- Department of Wood and Paper Science and Technology
12. Quality and Control- Department of Cellulose Technology Engineering
13. Mass and Energy Balances- Department of Cellulose Technology Engineering
14. Wood and lignocellulose chemistry- Department of Cellulose Technology Engineering
15. Lab of Wood and lignocellulose chemistry- Department of Cellulose Technology Engineering

Master of Science

1. Advance wood chemistry- Department of Wood and Paper Science and Technology
2. Papermaking chemistry- Department of Wood and Paper Science and Technology
3. Advance papermaking technology- Department of Wood and Paper Science and Technology
4. Physics - Mechanics pulp and paper- Department of Cellulose Technology Engineering
5. Advance pulping technology- Department of Pulp and Paper Science and Technology
6. Converting technology in papermaking- Department of Wood and Paper Science and Technology
7. Statistics and related software for MS students- Department of pulp and paper industry
8. Computer Applications in Fishery Sciences- Department of Fishery
9. Advanced paper pulp laboratory- Department of Cellulose Technology Engineering
10. Novel Technologies in Wood and Cellulose Products Industries- Department of Cellulose Technology Engineering
11. Technology of special paper production- Department of Cellulose Technology Engineering
12. Instrumental Analytica Method-- Department of Cellulose Technology Engineering
13. Advance Technologies of Papermaking- Department of Cellulose Technology Engineering

Industries

1. Introduction to Paper and Cardboard Production, Pars Paper Industries, 2017
2. Introduction to Paper and Cardboard Production, Wood and Paper Industries of Iran (Chuka), 2017
3. Raw Materials for Paper and Board Production, Pars Paper Industries, 2017
4. Types of Fiber Raw Materials in Paper and Cardboard Production, Pars Paper Industries, 2017
5. Chemical Additives in Paper Industry, Pars Hayat Company - Tissue Section, 2017

Languages Skills

1. Persian: Mother's Tong Language
2. English: good in listening, speaking, writing and reading comprehension Skills
3. Taleshi: Mother's Tong Language

Computer Skills

1. Good in Windows system operating
2. Good in Office and Acrobat reader
3. Good in SPSS, Minitab
4. ICDL

Awards

1. First rank of PhD entrance in Gorgan University with free quota, 2008.
2. PhD research opportunities in the pulp and paper Sweden, Stockholm, 2011-2012
3. Second rank of researching of faculty of Natural Resources of Behbahan Khatam Alanbia University of Technology, 2019
4.

Books:

1-

Book Chapters:

1- Application of nanofibrillated cellulose for papermaking, from book: Nanocellulose, Cellulose Nanofibers and Cellulose Nanocomposites: Synthesis and Applications, ISBN: 978-1-63483-885-6, Chapter 12, p: 293-319, 2015

National articles published:

1- Application of Twin-Screw Extruder for Production of Pulp from Rice Stalk. A. R. Saraeyan, P. Rezayati Charani, A. Talebizadeh Rafsanjani, K. Yaghobi. Forest and wood science and technology, 19(4): 123-136, 2013.

2- Use of Central composite design in cellulosic industry research- Influence of dimethyl formamide pulping of bagasse on pulp properties with relation regression investigation. P. Rezayati Charani, J. Mohammadi- Rovshandeh, S., Navaee-Ardeh, M., Pourjoozi, H., Resalati, S., Kazemi-Najafi, Iranian Polymer Journal, 18(6), 2006, 345-358.

3- Comparison of produced film of cellulose nanofibers by Dried and Vacuum Filtrated method from Unbleached Kraft Pulp of Kenaf Bast Fiber. P. Rezayati Charani, M. Dehghani Firouzabadi. Journal of Forest and Wood Product, 62(2) 317-328, 2015.

4- Improving Paper Tensile Strength Using Cellulosic Nano Fibers in Bagasse Pulp. M H. Moradian, P. Rezayati Charani, M. A. Saadatnia, Journal of Forest and Wood Product, 69(3):603-614 (2016).

5- Application of cellulosic nanofibers to replace with imported long- fiber pulps in paper made from bagasse. R. Ghofran, M. H. Moradian, M. A Saadatnia, P. Rezayati Charani. Journal of Forest and Wood Product, 7(4):525-539 (2017).

6- Improving wet tensile strength of paper glass using PAE, CNF and CMC. M. Khalilian Shalamzari, M H. Moradian, P. Rezayati Charani, Journal of Forest and Wood Product, 9(2): 163-173 (2018).

7- Sequence analysis using cellulose nanofibers, cationic starch and polyacrylamide in the paper tensile strength. P. Rezayati Charani, M H. Moradian, M. A. Saadatnia, Journal of Forest and Wood Product, 25(3):73-82 (2018).

8- Comparison of the Effect of Using Cellulose Nanofibers and Cationic Starch instead of Refining on the Physical and Mechanical Properties of Manufacture Paper from OCC pulp. P. Rezayati Charani, A. Azizi-Mossello, Iranian journal of Wood and Paper Science Research, 33(4): 593-605 (2019).

9- Study on the Feeding Preference of Microcerotermes diversus Silvestri Termite to Three Species of Beech, Eucalyptus and Cypress. L. Poursartip, K. Saadatvafa, P. Rezayati Charani, Journal of Plant protection, 33(1):35-43 (2018).

10- Rheology of cellulose nanofibers in paper making: An overview. P. Rezayati Charani, Journal of Wood and Forest science and technology, 26(2): 75-90 (2019).

11- The Effect of Protexin Enzyme for Bagasse Storage on Pulp and Paper Properties, Ahmad Azizi Mossello, Ahmad Savari, Pejman Rezayati Charani. Iranian journal of Wood and Paper Science Research, 10(3):457-468 (2019).

12- Paper surface sizing by Starch Modified with Alpha-Amylase: a review. Pejman Rezayati Charani, Ahmad Azizi Mossello, Sonia Kalantari Charvadeh, Journal of Environmental science study, 4,2063-2073, 2019

13- Strengthening tensile strength of wet and dry layer of paper from chemical-mechanical pulp by cellulose nanofibers and PAE M H. Moradian, P. Rezayati Charani, S. F. Mousavi, Journal of Environmental Science Studies, 5(2): 2458-2465(2020).

14- Influence of functionalized nano-alumina on improving melamine paper properties. Sohrab Erfani, Pejman Rezayati Charani, Mohammad Ali Saadatnia, Journal of Forest and Wood Product, 73(2):139-150(2020).

15- Use of titanium dioxide nanoparticles and aqueous methylene blue on ECF bleaching of bagasse pulp. Pejman Rezayati Charani, Mohammad Hadi Moradian, Mahmoud Kherad, Mohammad Hadi Aryaie Monfared. Iranian journal of Wood and Paper Science Research, 11(2):211-224(2020).

16 Improvement of wet and dry strengths of paper from chemical-mechanical pulp using polyamide epichlorohydrin and cellulose nanofibers compared to imported long fibre pulp. S. F. Mousavi, P. Rezayati-Charani, M H. Moradian, Journal of Forest and Wood Product11(4):627-643(2021).

17 Evaluation of writing and copy papers compared with decorative paper with using functionalized nanoalumina in the production of melamine laminate veneer. Pejman Rezayati Charani, Sohrab Erfani, Mohammad Ali Saadatnia, Journal of Forest and Wood Product, 73(4):455-466(2021).

18 Evaluation of using the Conocarpus erectus pruning residues to pulp and paper production. P. Rezayati Charani, A. Azizi-Mossello, Iranian journal of Wood and Paper Science Research,23(11): 177-188(2022).

19

International articles published:

1- Pulping of Rice Straw by High Boiling Solvents in Atmospheric Pressure. J. Mohammadi-Rovshandeh, A. Talebizadeh and P. Rezayati Charani, Iranian Polymer Journal, 14 (3): 223-227, 2005.

2- Effect of pulping variables with dimethyl formamide on the characteristics of bagasse-fiber, P. Rezayati Charani, J. Mohammadi- Rovshandeh. Bioresource Technology, 96: 1658–1669, 2005.

3- Influence of dimethyl formamide pulping of bagasse on pulp properties, P. Rezayati Charani, J. Mohammadi-Rovshandeh, S, Kazemi-Najafi, Bioresource Technology, 97: 2435–2442, 2006.

4- Study on cellulose degradation during organosolv delignification of wheat straw and evaluation of pulp properties. Y. Ziaee-Shirkolaee, J. Mohammadi-Rovshandeh, P. Rezayati-Charani, M. B. Khajeheian. Iranian Polymer Journal, 16 (2): 935-942, 2007.

5- Influence of Hydrothermal Treatment on the Dimensional Stability of Beech Wood. P, Rezayati Charani, J. Mohammadi-Rovshandeh, B. Mohebby, O. Ramezani., Caspian J. Env. Sci, 5(2) 2007.

6- Effect of mineral components and white rot fungus on the composting process of mixed hardwood barks. J. Mohammadi- Rovshandeh, M. Esmaieli, P. Rezayati Charani, S. Navaee-Ardeh, Cellulose Chem. Technol., 41 (7-8): 451-462, 2007.

7- Influence of dimethyl formamide pulping of wheat straw on cellulose degradation and comparison with Kraft pulp. Y. Ziaee-Shirkolaee, J. Mohammadi-Rovshandeh, P. Rezayati Charani, M.B. Khajeheian. Bioresource Technology 99: 3568–3578, 2008.

8- Effects of poly aluminum chloride starch alum rosin on the rosin sizing strength microscopic appearance of paper prepared from old corrugated container pulp. M. H. Ekhtera, P. Rezayati Charani, O. Ramezani, M. Azadfallah, BioResources journal, 3(2): 383-402, 2008.

9- Evaluation of harvesting time effects and cultivars of kenaf on papermaking. J. Shakhes, P. Rezayati-Charani, M R. Dehghani-firouzadi, F. Zeinaly. BioResources Journal, 5(2): 1268-1280, 2010.

10- Evaluation of pulp and paper making characteristics of rice stem by TWIN-SCREW Extruder pulping. A. Talebizadeh Rafsanjani and P. Rezayati Charani, BioResources Journal, 5(3):1745-1761, 2010.

11- Newsprint from Soda Bagasse pulp in admixture with Hardwood CMP pulp. S. Rahman Jafari Petroudy, H. Resalati, P., Rezayati Charani. BioResources journal, 6(3): 2483-2491, 2010.

12- Organosolv pulping of wheat straw by glycerol. E. Saberikhah, J. Mohammadi Rovshandeh and P. Rezayati Charani. Cellulose Chem. Technol., 45(1-2): 67-75, 2011.

13- Rheological characterization of high concentrated MFC gel from kenaf unbleached pulp. P. Rezayati Charani, M. Dehghani-Firouzabadi, E. Afra, A. Shakeri. Cellulose 20:727–740, DOI 10.1007/s10570-013-9862-1, 2013.

14- Production of microfibrillated cellulose from unbleached kraft pulp of Kenaf and Scotch Pine and its effect on the properties of hardwood kraft: microfibrillated cellulose paper. P. Rezayati Charani, M Dehghani-Firouzabadi, E Afra, Å Blademo, A Naderi, T Lindström. Cellulose, Cellulose, 20(5): 2559-2567. DOI 10.1007/s10570-013-99, 2013.

15- Eco-Friendly pulping of rice stem by twin-screw extruder: Optimization of cooking time and NaOH concentration. H. Pirmahboub, A. Talebizadeh Rafsanjani, P. Rezayati Charani, R. Morvaridi. Cellulose Chem. Technol., 49(5-6) 485-495, 2015.

16- Utilization of Cellulose Nanofibers and Cationic Polymers to Improve Breaking Length of Paper, Pejman Rezayati Charani, Mohammad Hadi Moradian, Cellulose Chem. Technol. 53(7-8):767-774(2019).

17- Effect of using whey powder on the properties of pulp and paper obtained from stored bagasse. P. Rezayati Charani, A. Azizi-Mossello, Mohammad Bervaie. Cellulose Chem. Technol., 55(7-8):799-807(2021).

Refereed National Conference Proceedings:

1 Preparation of compost from bark residue, M. Esmaieli, J. Mohammadi- Rovshandeh, P., Rezayati Charani, S. Navaee-Ardeh, accepted for presentation at First National Seminar on Recycling and Waste Management on Process Industries, Tehran, Iran, and September 2004.

2 A review of Bamboo Characteristics as a pulp and paper lignocelluloses primary material. Pejman Rezayati Charani, Ali khalili gasht roodkhani, Mohammad hadi Aryaee. The 1St Iranian Conference on supplying Raw materials and Development of Wood and Paper Industries, Gorgan University of Natural Resources and Agriculture, 2&3 Dec 2008.

3 Chemical Production and Fuel from Cellulosic raw materials, Mohammad hadi Aryaee, Alireza Shakeri, Pejman Rezayati Charani. The 1St Iranian Conference on supplying Raw materials and Development of Wood and Paper Industries, Gorgan University of Natural Resources and Agriculture, 2&3 Dec 2008.

4 Comparison of nanopapers made by dried and vacuum filtrated methods from unbleached kraft pulp of kenaf bast fiber. Pejman Rezayati Charani, M. Dehghani-Firouzabadi, E. Afra. 2013.13st Nanotechnology Iranian Student Conference. Iranian Society of Medical Nanotechnology.

5 Industrial wastewater treatment method of cellulose. V. Vaziri, M. H. Aryaee, P. Rezayati Charani, S. R. Djafari Petroudy. First National Conference on Management of Natural Resources.Gonbad Kavous university 28 Feb. 2014.

6 Nanopaper properties made from unbleached kenaf bast pulp. P. Rezayati Charani, M. Dehghani-Firouzabadi, V. Vaziri, S. R. Djafari Petroudy. First National Conference on Management of Natural Resources.Gonbad Kavous university 28 Feb. 2014.

7 Capabilities and applications of nano-cellulose as an eco-friendly nano-materials and originating from nature. S. R. Djafari Petroudy, V. Vaziri, P. Rezayati Charani, M. H. Aryaee. First National Conference on Management of Natural Resources.Gonbad Kavous university 28 Feb. 2014.

8	Application of cellulosic nanofibers with polyamideamine epichlorohydrin (PAE) to improve wet tensile strength of paper. F. Mosavi, P. Rezayati Charani, M.H. Moradian. The First International Conference of Environment, National Resource, Agriculture, and Pure energy.20 Des 2016, National and International Conference Center of universities and the Ministry of Science Centers in Hamadan.
9	Rheology of destructive cellulose nanofibers from kenaf pulp. P. Rezayati Charani, M. Dehghani-Firouzabadi, E. Afra, A. Shakeri. The First International Conference of Environment, National Resource, Agriculture, and Pure energy.20 Des 2016, National and International Conference Center of universities and the Ministry of Science Centers in Hamadan.
10	The use of polyacrylamide glyoxylate (GPAM) in the pulp and paper industries. M. Khalilian, P. Rezayati Charani, M.H. Moradian.4th International Conference on Recent Innovations in chemistry and chemical engineering, 14 July 2017. Economics College of Allameh Tabatabaei University.
11	Introduction of Conocarpus erectus tree pruning residue for the country's pulp and paper industry A. Azizi-Mossello, P. Rezayati Charani, National Conference on Knowledge and Innovation in the Wood and Paper Industry with an Environmental Approach. Karaj, Iran, December 21, 2017.
12	Determination of Chemical Oxygen Demand (COD) in Wastewater by Spectrophotometer and Challenges. M. Khodadadi Ara; P. Rezayati Charani, Second National Conference on Natural Resources and Sustainable Development in Central Zagros. August 28, 2019.
13	Overview of the process of viscose production from cellulose on an industrial scale. P. Rezayati Charani, Third National Conference on Knowledge and Innovation in Wood and Paper Industry. January 28, 2021.
14	The substrate layer of Printed Circuit Board, nanocellulose and MXene: a review. M. Khodadadi Ara; P. Rezayati Charani, Third National Conference on Knowledge and Innovation in Wood and Paper Industry. January 28, 2021.

Refereed International Conference Proceedings:

1-

Patents:

1-

Completed Research Projects:

1- Influence of dimethyl formamide pulping of bagasse on pulp and paper properties, Tehran university, 2006-2007.
2- Effect of mineral components and white rot fungus on the composting process of mixed hardwood barks, Tehran university, 2005-2007.
3- Feasibility of eliminating or reducing the use of long fiber pulps in Pars paper mill, Behbahan Khatam Alanbia University of Technology, 2014.
4- Investigation on paper properties improvement of bleached Kraft hardwood pulp using cellulosic nanofibers, Behbahan Khatam Alanbia University of Technology, 2014 – 2015.
5- Investigation on paper properties improvement of bleached Kraft hardwood pulp using cellulosic nanofibers. Behbahan Khatam Alanbia University of Technology, 2015 – 2017.

Lectures at seminars:

1- Scientific databases on the Internet, Behbahan Khatam Alanbia University of Technology, 2014.
2- Nano Science and Technology, from theory to application, Behbahan Khatam Alanbia University of Technology, 2014.
3- The introduction of pulp and paper industry and its applications, Behbahan Khatam Alanbia University of Technology ,2014
4- Patent, introduction and application in MSc student's proposal, Behbahan Khatam Alanbia University of Technology, 2015
5- Iranian state educational seminar on nanotechnology research and applications of nanotechnology. Behbahan Khatam Alanbia University of Technology, 2017.

Memberships in Scientific Societies:

1-

Journal Reviewer:

1- Journal of Forest and Wood Products
2- Iranian journal of Wood and Paper Science Research
3- Cellulose

4- BioResources
5- Cellulose Chemistry and Technology
6- Carbohydrate Polymers
7 Materials Sciences and Applications
8 Iranian Journal of Polymer Science and Technology
9

Conference Reviewer:

1 First National Conference on Agricultural Development, Healthy Land. Alborz Agricultural and Natural Resources Engineering Mobility Organization, November 19, 2015.
2 First National Conference on Knowledge and Innovation in the Wood and Paper Industry with an Environmental Approach. Karaj, Iran, December 21, 2017.
3 Second National Conference on Knowledge and Innovation in the Wood and Paper Industry with an Environmental Approach. Karaj, Iran, February 28, 2019.

M.Sc. Thesis Supervised:

1 **Ahmad Ghozatloo**, Influence of dimethyl formamide pulping of rice straw on pulp and paper properties, Chemical Engineering Dept. Tehran university, **Adviser**, 2006-2007.
2 **Yaser Ziaee-Shirkolaee**, Influence of dimethyl formamide pulping of Wheat straw on pulp and paper properties, Chemical Engineering Dept. Tehran university, **Adviser**, 2007-2008.
3 **Abed Babakhani**, Investigation of operating condition effects of pulping of palm fiber waste by twin extruder on the properties of pulp and paper, Chemical Engineering Dept. Tehran university, **Adviser**, 2012-2013.
4 **Reza Ghofran**, Improving Paper Tensile Strength Using Cellulosic Nano Fibers in Bagasse Pulp, Behbahan Khatam Alanbia University of Technology, **Adviser** ,2015.
5 **Saeedeh Faegheh Mosavi**, Application of cellulosic nanofibers with polyamideamine epichlorohydrin (PAE) to replace long fiber pulps to improve tensile wet strength of paper, Behbahan Khatam Alanbia University of Technology, **Supervisor**, 2016.
6 **Sohrab Erfani**, the possibility of improving the properties of melamine paper with alumina and silica nanoparticles functionalized, Behbahan Khatam Alanbia University of Technology, **Supervisor**, 2017.
7 **Korosh Saadatvafa**, Desirability evaluation of some Lignocellulosic material, on food diet of Termites (Microcerotermes diversus), Department of Cellulose Technology Engineering, Behbahan Khatam Alanbia University of Technology, **Advisor**, 2017.
8 **Meysam Khalilian Shalamzari,** Utilization of Polyamidoamine epichlorohydrin, Cellulosic nanofibers, and Carboxymethyl cellulose for improvement of physical and mechanical properties of baggas paper, **Department of Cellulose Technology Engineering, Behbahan Khatam Alanbia University of Technology, Advisor**, 2017.
9 **Milad Reyahipour**, Manufacture laboratory paper coater, Department of Cellulose Technology Engineering, Behbahan Khatam Alanbia University of Technology, Advisor, 2018.
10 **Mahmood Kherad**, Bleaching of Bagasse Pulp with Oxygen and Peroxide in presence of Titanium Dioxide Nano Particles, Department of Cellulose Technology Engineering, Behbahan Khatam Alanbia University of Technology, **Supervisor**, 2019.
11 **Ahmad Savari,** Evaluation of the effect of using the Riter Process on pulp and paper produced from stored bagasse. Department of Cellulose Technology Engineering, Behbahan Khatam Alanbia University of Technology, **Advisor**, 2019.
12 **Mozhgan Fathi Imanloo,** Influence of CNF addition to wet web of bagasse paper. Department of Cellulose Technology Engineering, Behbahan Khatam Alanbia University of Technology**, Advisor**, 2019**.**
13 **Sonia Kalantari Charvadeh,** Modification of Starch by α-amylase for Paper Surface Sizing, Department of Cellulose Technology Engineering, Behbahan Khatam Alanbia University of Technology, **Supervisor**, 2019.
14 **Mohammad Borvayeh**, Evaluation of the use of powdered powders process on the properties of pulp and paper from bagasse stored. Department of Cellulose Technology Engineering, Behbahan Khatam Alanbia University of Technology, **Advisor**, 2020.
15 **Fatemeh Qaisari Asl,** Influence of Xylanase on viscosity maintenance of bagasse pulp in ECF bleaching, Department of Cellulose Technology Engineering, Behbahan Khatam Alanbia University of Technology, **Advisor**, 2021.

Ph.D. Thesis Supervised:

1-

Participated in Scientific Courses:

1 Paper Industries Process, Number: 100 from 100, Iran Wood and Paper Industries Inc.- Chuka
2 Water and Wastewater Process, Number: 88 from 100, Iran Wood and Paper Industries Inc. - Chuka
3 Stream and Retrieval, Number: 89 from 100, Iran Wood and Paper Industries Inc. - Chuka
4 Principles of Instrumentation, Number: 80 from 100, Iran Wood and Paper Industries Inc. - Chuka

5	Quality control and Lab, Number: 88 from 100, Iran Wood and Paper Industries Inc. - Chuka
6	O.C.C. Process, Number: 95 from 100, Iran Wood and Paper Industries Inc. - Chuka
7	Pulp Production Process, Number: 85 from 100, Iran Wood and Paper Industries Inc. - Chuka
8	Causticizing Process and Lime Kiln, Number: 79 from 100, Iran Wood and Paper Industries Inc. - Chuka
9	Wood Industries Process, Number: 95 from 100, Iran Wood and Paper Industries Inc. - Chuka
10	Safety, Health and Firefighting, Number: 72 from 100, Iran Wood and Paper Industries Inc. - Chuka
11	Rules and Regulations of the Organization, Number: 95 from 100, Iran Wood and Paper Industries Inc. - Chuka
12	Industrial Flowchart Reading, Number: 98 from 100, Iran Wood and Paper Industries Inc. - Chuka

Professional Experiences:

1	Researching cooperation in School of Caspian in the Department of Chemical Engineering, Faculty of Tehran University, 2003-2008.
2	Educational cooperation in School of Caspian in the Department of Chemical Engineering, Faculty of Tehran University, 2008-2011.
3	Supervision of paper production Dept., Iran - Chuka, 2011-2012.
4	Assistant professor of Wood and Paper Dep., Behbahan Khatam Alanbia University of Technology, 2013.
5	Nano Committee editor of Behbahan Khatam Alanbia University of Technology, 2014.
6	Papermaking Lab startup of Wood and Paper Dep., Behbahan Khatam Alanbia University of Technology, 2014.
7	Editor of Nanotechnology Seminar of Behbahan Khatam Alanbia University of Technology, 2015.
8	Responsible of Test area of Nanotechnology National Competition in Behbahan, 2015.
9	Manager of Department of Cellulose Technology Engineering, Behbahan Khatam Alanbia University of Technology, 2016-2019.
10	Interim Responsible of Environment group Issues of Behbahan Khatam Alanbia University, 2017-2019.
11	Member of Supervisory Board, Evaluation and Quality Assurance of Behbahan Khatam Alanbia University, 2018.
9	Manager of Department of Cellulose Technology Engineering, Behbahan Khatam Alanbia University of Technology, 2021-Continues.

Participated in Scientific Seminars:

1	Thirteenth Conference of graduates of nanotechnology-meetings office of Tehran University of Medical Sciences, 1392.
2	Workshop of Scientific Writing, Behbahan Khatam Alanbia University of Technology, 1392.
3	Seminar on Nanotechnology of Behbahan Khatam Alanbia University of Technology, 2015.

Others:

1	**Birth Date**: 21/March/1976
2	**Hometown**: Talesh
3	**Marital Status**: Married,
4	**Address**: Department of Forestry and Cellulose Engineering, Faculty of Natural Resources, Behbahan Khatam Alanbia University of Technology. P.O. Box: 6361647189, Behbahan, Iran.
5	**TeleFax**: 009861 52721230 - 52721191 **(**Extension-2259, Expert Group: Ms. Ejtehadi- 2264), Mobile: 00 98 911 185 1546
6	**Email**: p.rezayati@gmail.com, rezayati@bkatu.ac.ir
7	My other web links: 1. https://www.bkatu.ac.ir/rezayati 2. http://www.researchgate.net/profile/Pejman_Rezayati_Charani 3. http://ir.linkedin.com/pub/pejman-rezayati-charani/48/581/b9a 4. https://www.instagram.com/prcrezayati/ 5. https://bkatu.academia.edu/PejmanRezayatiCharani 6. http://www.irexpert.ir/Webforms/UserHome/Expert.aspx?EID=163370 7. http://orcid.org/0000-0002-8106-5484 8. http://www.aascit.org/membership/prc 9. https://www.scopus.com/authid/detail.uri?authorId=8431515400 10. http://www.researcherid.com/rid/O-9654-2014 11. https://publons.com/a/559156 12. https://scholar.google.com/citations?user=7kiI55YAAAAJ&hl=en

I hereby declare that the above information is correct and complete to the best of my knowledge and belief.

Dr. Pejman Rezayati-Charani