



Amirkabir University of Technology
(Tehran Polytechnic)



Email:

yousefzadeh@aut.ac.ir

Phone:

982164542677

h-index (Scopus):

11

Citations (Scopus):

338

MARYAM YOUSEFZADEH

Assistant Professor

Department of Textile Engineering

Clothing & Management



Educational Records

#	Degree/Major	University	City	Country	Graduation Date
1	B.Sc. in Textile Engineering	Amirkabir University of Technology	Tehran	Iran	2002
2	M.Sc. in Textile Engineering	Amirkabir University of Technology	Tehran	Iran	2004
3	Ph.D Visiting scholar	National University of Singapore	Singapore	Singapore	2009
4	Ph.D in Textile Engineering	Amirkabir University of Technology	Tehran	Iran	2010
5	PostDoc	Amirkabir University of Technology	Tehran	Iran	2012

Workshops Contributed

#	Workshops & Courses Titles	Functional Organization	Place	Date
1	Advanced Electrospinning Setups and Special Nanofibers Morphologies	Royan Institute	Royan Institute	2012
2	International Workshop on Electrospinning and Electrospaying - Theoretical & Practical demonstration / experience	The centre of excellence for Medical Textiles of SITRA	India	2015

Supervised MSc Theses

#	Thesis title	By	Date
1	Fabrication of flexible carbon nanofiber yarns based on PAN and investigation of its tensile properties	Mahdi Pourmohammad Tappe & Maryam Yousefzadeh	September 2021
2	Fabrication and characterization of core-shell electrospun nanofiber layer consisting of PVA (sheath)/Eucalyptus (core)	Rashid Forozandeh Shahraki & Maryam Yousefzadeh	September 2021
3	Fabrication and Characterization of PVDF/PDA/ZnO Nanofiber Composite	Mohammad Hossein Moqimian & Maryam Yousefzadeh	August 2021
4	Investigation of electrodes effects in the response of piezoelectric PVDF based nanofibrous yarns	Morsal Amiri & Maryam Yousefzadeh	April 2021
5	fabrication and characterization of nanofiber cardiac patch based on piezoelectric property with the aim of improving the regeneration of heart muscle	Bahareh Dustvandi & Maryam Yousefzadeh	March 2021
6	fabrication of poly caprolactone (PCL) nano fibrous tubes and investigation of their mechanical properties	Shima Rashidi & Maryam Yousefzadeh	February 2019
7	Investigation of the heat treatment effect on PAN and cellulose nanofiber yarns fabricated by electrospinning	Marzieh Ataie Gharacheh & Maryam Yousefzadeh	February 2019
8	Fabrication and characterization of composite nanofibrous yarn (PA/PLA)	Zeinab Moghbelnejad & Maryam Yousefzadeh	November 2018
9	Production of Heatable Layers for Therapeutic Treatments and Investigation of their Effective Parameters on Thermal Efficiency	Ghazal Karimi Saremi & Maryam Yousefzadeh	February 2018
10	Effect of Mesh Dimensions Formed by Conductive Yarns as Layer on Thermal Property of Heating Textiles at Constant Environmental Conditions	Seyedeharmaghan Naghavialhosseini & Maryam Yousefzadeh	February 2018
11	Investigation of Structural Properties of Multi-Layers Nanofibrous Vascular Graft	Maryam Rahmati Nejad & Maryam Yousefzadeh	February 2018
12	Production and characterization of electrospun PVA /Eucalyptus	Farzane Karampour Shahvali & Maryam Yousefzadeh	January 2018
13	Effect of Geometric Parameters of Nanofibrous Piezoelectric Structures on their Performances as Pressure Sensor	Amin Foroozan & Maryam Yousefzadeh	October 2017
14	synthesis and characterization of a conductive nano-composite based on graphene for electrospinning for cardiac patch application	Azin Sadat Ghasemi & Maryam Yousefzadeh	October 2017
15	modification of nanofibrous scaffold based on polyurethane for improvement of endothelial cells adhesion for vascular tissue engineering application	Maryam Nezadi Niasar & Maryam Yousefzadeh	September 2017
16	Evaluating Piezoelectric Performance of PVDF Composite Nanofibers Pressure Sensor with Metal Nanoparticle	Arezo Mahdavi Varposhti & Maryam Yousefzadeh	February 2017
17	Feasibility of Thermal to Electrical Energy Conversion in Nanofiber Layer	Mahsa Abbasi & Maryam Yousefzadeh	February 2017
18	Effect of Nanofiber Orientation on Piezoelectric Property of PVDF Nanofibrous Layer	Negin Iranmanesh & Maryam Yousefzadeh	February 2017
19	manufacturing and optimizing of nano fibrous yarn production system by electrospinning method	Toomadj Rajabi Islami & Maryam Yousefzadeh	February 2016

20	Fabrication and investigation of blood compatible polymeric vascular graft using electrosinning method	Sahar Jafari & Maryam Yousefzadeh	October 2015
21	Production and characterization of physical appearance of porous ceramic nanofibers	Peyman Aghasiloo & Maryam Yousefzadeh	February 2015
22	Production and characterization of physical appearance of hollow ceramic nanofibers	Mostafa Heydari Ramsheh & Maryam Yousefzadeh	February 2015

Books

#	Title	Author(s)	Publisher country	publication date	version
Portal Records					
1	Materials in Sports Equipment, Chapter 4: Wearable Technologies in Sports	Farnaz Memariyan, Shahrzad Rahmani, Maryam Yousefzadeh, Masoud Latifi	United Kingdom	November 2018	1
2	Handbook of Nanofibers; Chapter 1: Nanofibers Technologies: History and Developments	Ahmed Barhoum, [en-name N/A], Maryam Yousefzadeh, [en-name N/A]	United States	December 2017	1
3	Handbook of Nanofibers; Chapter 34: Functional nanofiber for drug delivery applications	Rana Imani, Maryam Yousefzadeh, Shirin Nour	United States	December 2017	1
4	Handbook of Nanofibers; Chapter 9: Design of porous, core-shell and hollow nanofibers	Maryam Yousefzadeh, Farzaneh Ghasemkhah Mashkaleh	United States	December 2017	1
5	Electrospun nanofibers	Maryam Yousefzadeh	United States	August 2016	1
6	Electrospun nanofibers	Maryam Yousefzadeh, Seeram Ramakrishna	United States	August 2016	1
Other Records					
1	Technical Textile Yarns, Chapter 10: Electro-Conductive Textile Yarns	Masoud Latifi, Pedram Payvandy, Maryam Yousefzadeh	Woodhead Publishing Limited	2010	

Journal Papers

Portal Records

- Maryam Nezadi, Hamid Keshvari, Maryam Yousefzadeh, "Using Taguchi design of experiments for the optimization of electrospun thermoplastic polyurethane scaffolds", *Advances in Nano Research*, January 2021 Vol. 10, Num. 1, Page 59-69, January 2021,
- Maryam Nezadi, Hamid Keshvari, Maryam Yousefzadeh, "Optimization of Polyurethane Scaffolds by Taguchi Design of Experiments for Vascular Tissue Engineering Applications", *Iranian Journal of Polymer Science and Technology (IJPST)*, December 2020 Vol. 33, Num. 5, Page 419-433, December 2020,
- Mahboobeh Rafieepoor Chirani, Elahe Kowsarie, Hossein Salaramoli, Maryam Yousefzadeh, Amutha Chinnappan, Seeram Ramakrishna, "Covalently functionalized graphene oxide with cobalt-nitrogen-enriched complex containing iodide ligand :as charge carrier nanofiller for eco-friendly high performance ionic liquid-based dye-sensitized solar cell", *JOURNAL OF MOLECULAR LIQUIDS*, December 2020 Vol. 325, Num. 115198, Page 1-10, December 2020,

- 4 Amin Foroozan, Maryam Yousefzadeh, Masoud Latifi, Jose Rajan, "Effect of Geometrical Parameters on Piezo-Response of Nanofibrous Wearable Piezoelectric Nanofabrics under Low Impact Pressure", *MACROMOLECULAR MATERIALS AND ENGINEERING*, November 2020 Vol. , Num. 0, Page 1-22, November 2020,
- 5 Zeinab Moghbelnejad, Aliakbar Ghare Aghaji, Maryam Yousefzadeh, Farideh Hajiani, "Investigation of Wicking Phenomenon and Tensile Properties in Three-Layer Composite Nanofibrous PA/PLLA Yarn", *POLYMER ENGINEERING AND SCIENCE*, November 2020 Vol. , Num. 0, Page 1-10, November 2020,
- 6 Pouya Marzbani, Mohammad Azadfallah, Maryam Yousefzadeh, Farhoud Najafi, Ahmadali Pourbabaei, Hanna Koivula, Mikko Ritala, "Effect of polyethylene wax/soy protein-based dispersion barrier coating on the physical, mechanical, and barrier characteristics of paperboards", *JOURNAL OF COATINGS TECHNOLOGY AND RESEARCH*, October 2020 Vol. , Num. 0, Page 1-11, October 2020,
- 7 Pouya Marzbani, Mohammad Azadfallah, Maryam Yousefzadeh, Farhood Najafi, Ahmadali Pourbabaei, "A novel paper packaging coated with polyethylene wax based dispersion barrier coating for food packaging applications", , April 2020 Vol. 11, Num. 1, Page 85-95, April 2020,
- 8 Mingjun Chen, Youchen Zhang, Xiaoqing Chen, Hao-Yi Li, Weimin Yang, Maryam Yousefzadeh, Seeram Ramakrishna, "Polymer Melt Differential Electrospinning from a Linear Slot Spinneret", *JOURNAL OF APPLIED POLYMER SCIENCE*, January 2020 Vol. 0, Num. 0, Page 1-11, January 2020,
- 9 Arezo Mahdavi Varposhti, Maryam Yousefzadeh, Elahe Kowsarie, Masoud Latifi, "Enhancement of beta-phase crystalline structure and piezoelectric properties of flexible PVDF/ionic liquid surfactant composite nanofibers for potential application in sensing and self-powering", *MACROMOLECULAR MATERIALS AND ENGINEERING*, January 2020 Vol. 305, Num. 190079, Page 1-8, January 2020,
- 10 Maryam Rahmati Nejad, Maryam Yousefzadeh, Atefeh Solouk Mofrad, "Electrospun PET/PCL small diameter nanofibrous conduit for biomedical application", *MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS*, January 2020 Vol. 110, Num. 110692, Page 1-11, January 2020,
- 11 Mohadese Mohamadi Mardakhi, Elahe Kowsarie, Vahid Haddadi Asl, Maryam Yousefzadeh, Amutha Chinnappan, Seeram Ramakrishna, "Highly-efficient microwave absorptivity in reduced graphene oxide modified with PTA@imidazolium based dicationic ionic liquid and fluorine atom", *COMPOSITES SCIENCE AND TECHNOLOGY*, December 2019 Vol. 188, Num. 107960, Page 1-10, December 2019,
- 12 Lin Du, Youchen Zhang, Xiangnan Li, Jun Wang, Mingjun Chen, Xiahua Zuo, Weimin Yang, Maryam Yousefzadeh, Seeram Ramakrishna, Hao-Yi Li, "High Performance Anti-smog Window Screens via Electrospun Nanofibers", *JOURNAL OF APPLIED POLYMER SCIENCE*, November 2019 Vol. 137, Num. 48657, Page 1-6, November 2019,
- 13 Sahar Jafari, Seyyedeh Sahar Hosseini Salekdeh, Atefeh Solouk Mofrad, Maryam Yousefzadeh, "Electrospun Polyethylene Terephthalate (PET) Nanofibrous conduit for biomedical application", *POLYMERS FOR ADVANCED TECHNOLOGIES*, November 2019 Vol. 0, Num. 0, Page 1-13, November 2019,
- 14 Keyhan Ghaseminezhad, Mohadeseh Zare, Saba Lashkarara, Maryam Yousefzadeh, Jamshid Aghazadeh Mohandesi, "Fabrication of althea officinalis loaded electrospun nanofibrous scaffold for potential application of skin tissue engineering", *JOURNAL OF APPLIED POLYMER SCIENCE*, September 2019 Vol. 0, Num. 0, Page 1-9, September 2019,
- 15 Shima Ghaffari Heshejin, Maryam Yousefzadeh, Fatemeh Mousazadegan, "Investigation of Thermal Comfort in Nanofibrous Three-Layer Fabric for Cold Weather Protective Clothing", *POLYMER ENGINEERING AND SCIENCE*, August 2019 Vol. , Num. 0, Page 1-9, August 2019,
- 16 Yu-Jian Liu, Liu Jing Tan, Shao-Yang Yu, Maryam Yousefzadeh, Ting-Ting Lyu, Zhi-Wei Jiao, Hao-Yi Li, Seeram Ramakrishna, "High-Efficiency preparation of polypropylene nanofiber by melt differential centrifugal electrospinning", *JOURNAL OF APPLIED POLYMER SCIENCE*, July 2019 Vol. 136, Num. 48299, Page 1-9, July 2019,
- 17 Azin Sadat Ghasemi, Rana Imani, Maryam Yousefzadeh, Shahin Bonakdar, Atefeh Solouk Mofrad, Hossein Fakhrzadeh, "Studying the Potential Application of Electrospun Polyethylene Terephthalate/Graphene Oxide Nanofibers as Electroconductive Cardiac Patch", *MACROMOLECULAR MATERIALS AND ENGINEERING*, July 2019 Vol. 304, Num. 8, Page 1-13, July 2019,
- 18 Peyman Aghasiloo, Maryam Yousefzadeh, Masoud Latifi, Rajan Jose, "Highly porous TiO₂ nanofibers by humid-electrospinning with enhanced photocatalytic properties", *JOURNAL OF ALLOYS AND COMPOUNDS*, March 2019 Vol. 790, Num. 0, Page 257-265, March 2019,

- 19 Mohadese Mohamadi Mardakhi, Elahe Kowsarie, Vahid Haddadi Asl, Maryam Yousefzadeh, "Fabrication, characterization and electromagnetic wave absorption properties of covalently modified reduced graphene oxide based on dinuclear cobalt complex", COMPOSITES PART B-ENGINEERING, January 2019 Vol. 162, Num. 0, Page 569-579, January 2019,
- 20 Ying An, Shaoyang Yu, Shoumeng Li, Xun Wang, Weimin Yang, Maryam Yousefzadeh, Mahmoud M Bubakir, Haoyi Li, "Melt electrospinning of polyphenylene sulfide", FIBERS AND POLYMERS, December 2018 Vol. 19, Num. 12, Page 2507-2513, December 2018,
- 21 Zinab H. Bakr, Qamar Wali, Shenggyuan Yang, Maryam Yousefzadeh, Karinjilottu P Padmasree, Jamil Ismail, Mohd Hasbi Ab Rahim, Mashitah Mohd Yusoff, Rajan Jose, "Characteristics of ZnO-SnO₂ Composite Nanofibers as a Photoanode in Dye-Sensitized Solar Cells", INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, November 2018 Vol. , Num. 0, Page 0-0, November 2018,
- 22 Hadi Ashtari, Mehdi Jonoobi, Maryam Yousefzadeh, یحیی همزه, "Preparation and Characterization of Electrospun Nanofiber of Poly (Vinyl Alcohol) and Cellulose Nanocrystals", Iranian Journal of Wood and Paper Science Research, October 2018 Vol. 33, Num. 3, Page 438-452, October 2018,
- 23 Sahar Jafari, Davoud Sadeghi, Maryam Yousefzadeh, Atefeh Solouk Mofrad, "Electrospun nanofibre scaffolds for Reconstruction of damaged vessels", , February 2016 Vol. 5, Num. 4, Page 67-77, February 2016,

Other Records

- 1 Maryam Yousefzadeh, Mohammad Amani, Masoud Latifi, Wee Eong Teo, Seeram Ramakrishna, " A Note on 3D Structural Design of Electrospun Nanofibers", Journal of Engineered Fibers and Fabrics, 2012 Vol. 7, Num. 2, Page 1, 2012,
- 2 Maryam Yousefzadeh, Wee Eong Teo, Mohammad Amani, Masoud Latifi, Seeram Ramakrishna, " Producing Continuous Twisted Yarn from Well-Aligned Nanofibers by Water Vortex", Polymer Engineering and Science Journal, 2011 Vol. 51, Num. 2, Page 323, 2011,
- 3 Pedram Payvandy, Maryam Yousefzadeh, Masoud Latifi, " A Note on Neurofractal-Based Defect Recognition and Classification in Nonwoven Web Images", Journal of Textile Institute, 2010 Vol. 101, Num. 1, Page 46, 2010,
- 4 Maryam Yousefzadeh, Mohammad Amani, Masoud Latifi, Seeram Ramakrishna, " Morphology and Mechanical Properties of Polyacrylonitrile/Multi-Walled Carbon Nanotube (PAN/MWNTs) Nanocomposite Electrospun Nanofibers", Scientia Iranica Journal, 2010 Vol. 17, Num. 1, Page 60, 2010,
- 5 Maryam Yousefzadeh, Mohammad Amani, Masoud Latifi, MohammadReza Mohaddes Mojtahedi, " Characterizing Bulkiness and Hairiness of Air-Jet Textured Yarn Using Imaging Techniques", Journal of Textile Institute, 2005 Vol. 96, Num. 4, Page 251, 2005,
- 6 Maryam Yousefzadeh, Mohammad Amani, Masoud Latifi, MohammadReza Mohaddes Mojtahedi, "Determination of Crimp Indexes of False Twist and Knit de Knit Textured Yarns Using Computer Vision", Amirkabir Journal of Scientific and Research, 2005 Vol. 16, Num. 62-D, Page 53, 2005,

Conference Papers

Portal Records







- 1 Amin Foroozan, Maryam Yousefzadeh, Masoud Latifi, Jose Rajan, "Nanofibrous Wearable Piezoelectric Nanofabrics ", Nanofiber Applications and Related Technologies (NART-2021), September 2021
- 2 Mahdi Pourmohammad Tappe, Maryam Yousefzadeh, Aliakbar Ghare Aghaji, "Graphene Impact in Tensile Properties of Carbon Nanofibrous Yarns ", 7th Young Polymer Scientists Conference and Short Course (7YPSCSC 2021), September 2021
- 3 Paria Ardalani, Maryam Yousefzadeh, "Enhancing Tensile Properties of Nanofibrous Membranes by Inter-Fusing Techniques ", 7th Young Polymer Scientists Conference and Short Course (7YPSCSC 2021), September 2021
- 4 Shima Ghaffari Heshejin, Fatemeh Mousazadegan, Maryam Yousefzadeh, "Influence of Joining Method of Nanofiber Interlining on the Comfort of Three-Layer Clothing ", 12th Iranian National Textile Engineering Conference, June 2021

- 5 Marzeieh Mirzaei Baghini, Maryam Yousefzadeh, Aliakbar Ghare Aghaji, "Manufacture and comfort evaluation of Gortex-like fabric with middle layer of polyurethane nanofibers ", 12th Iranian National Textile Engineering Conference, May 2021
- 6 Zeinab Moghbelnejad, Aliakbar Ghare Aghaji, Maryam Yousefzadeh, Farideh Hajiani, "Fabrication and Characterization of 3-layer Nanofibrous Yarn (PLA/PLA Film/PA) ", 12th Iranian National Textile Engineering Conference, May 2021
- 7 Paria Ardalani, Maryam Yousefzadeh, "Investigation of Tensile Properties of Inter-Nanofiber Fusing Membrane ", 12th Iranian National Textile Engineering Conference, May 2021
- 8 Nila Harirforoush, Maryam Yousefzadeh, "Investigation of Pressure And Acoustic Behavior of Piezoelectric Nanofibers ", 12th Iranian National Textile Engineering Conference, May 2021
- 9 Arezo Mahdavi Varposhti, Maryam Yousefzadeh, Elahe Kowsarie, Masoud Latifi, "The evaluation of adding ionic synthesized surfactant on piezoelectric performance and beta phase enhancement in PVDF nanofibers sensors ", 12th Iranian National Textile Engineering Conference, May 2021
- 10 Amin Foroozan, Maryam Yousefzadeh, Masoud Latifi, "Investigation the Effect of Yarn Structural Parameters on Piezo-Response of Nanofibrous Wearable Fabrics ", 12th Iranian National Textile Engineering Conference, May 2021
- 11 Mahdi Pourmohammad Tappe, Maryam Yousefzadeh, Aliakbar Ghare Aghaji, "Fabrication and Mechanical Investigation of Electrospun Carbon Nanofibrous Yarns ", 8th International Congress of Nanoscience and Nanotechnology - ICNN202, February 2021
- 12 Mahboobeh Rafieepoor Chirani, Elahe Kowsarie, Maryam Yousefzadeh, Hossein Salaramoli, Amutha Chinnappan, Seeram Ramakrishna, "Performance enhancement effects of novel synthesized cobaltiodide melamine-multi functionalized graphene oxide nanofiller on the quasi-solid-state dye-sensitized solar cells ", 8th International Congress of Nanoscience and Nanotechnology - ICNN2021, February 2021
- 13 Maryam Rahmati Nejad, Maryam Yousefzadeh, Atefeh Solouk Mofrad, "The Mechanical Properties of PET/PCL Blend Nanofibrous Conduit with Potential Application in Vascular Tissue Engineering ", THE 8th INTERNATIONAL CONFERENCE ON NANOSTRUCTURES (ICNS8), November 2020
- 14 Shima Rashidi, Maryam Yousefzadeh, Sara Rajabi, "Electrospun Multi-layer Micro/Nanofibrous PCL Scaffold for Vascular Tissue Engineering ", THE 8th INTERNATIONAL CONFERENCE ON NANOSTRUCTURES (ICNS8), November 2020
- 15 Arezo Mahdavi Varposhti, Maryam Yousefzadeh, Elahe Kowsarie, Masoud Latifi, "Effect of Ionic Liquid Surfactant Additive on beta-phase Formation and Piezoelectric Response of PVDF Nanofibers ", THE 8th INTERNATIONAL CONFERENCE ON NANOSTRUCTURES (ICNS8), November 2020
- 16 Shima Rashidi, Maryam Yousefzadeh, "FABRICATION OF THREE-LAYERED ELECTROSPUN VASCULAR GRAFT ", 4th Iranian Congress on Progress in Tissue Engineering and Regenerative Medicine, November 2018
- 17 Maryam Nezadi, Hamid Keshvari, Maryam Yousefzadeh, "Electrospinning of Thermoplastic polyurethane Nanofibers for vascular tissue Engineering Applications ", 4th Iranian Congress on Progress in Tissue Engineering and Regenerative Medicine, November 2018
- 18 Fatemeh Ahmadkhanikhari, Saeideh Gorji Kandi, Maryam Yousefzadeh,, "optical properties of PMMA nanofibers with different fiber diameter ", 13th International Seminar on Polymer Science and Technology, November 2018
- 19 Azin Sadat Ghasemi, Rana Imani, Maryam Yousefzadeh, Atefeh Solouk Mofrad, "Synthesis of Graphene-based Conductive Composites as a nanostructured Cardiac Patch for Potential Application in Heart Regeneration ", the first international Iranian tissue engineering and regenerative medicine congress (ITERM2018), July 2018
- 20 Peyman Aghasiloo, Maryam Yousefzadeh, Masoud Latifi, "Production and Characterization of Physical Appearance of Porous TiO2 Ceramic Nanofibers ", 11th National Textile Engineering Conference, May 2018
- 21 Ghazal Karimi Saremi, Maryam Yousefzadeh, S.Mohammad Hosseini Varkiani, Mohsen Tarighi, "Investigation The Effective Parameters on Thermal Efficiency of Heatable Layers used in Thermal Therapy ", 11th National Textile Engineering Conference, May 2018
- 22 Maryam Yousefzadeh, Sahar Jafari, Maryam Rahmati Nejad, Atefeh Solouk Mofrad, "Polyethylene Terephthalate (PET) Based Nanofibrous Vascular Access ", ETT2018 8th International Istanbul Textile Conference, April 2018

- 23 Maryam Yousefzadeh, "Functional Nanofibers for Wearable Electronics ", ETT2018 8th International Istanbul Textile Conference, April 2018
- 24 Fatemeh Siufi, Mohammad Haghighat Kish, Maryam Yousefzadeh, "Morphology of electrospun silk fibers dissolved in binary solution ", IRAN NATIONAL SILK CONFERENCE, October 2017
- 25 Azin Sadat Ghasemi, Rana Imani, Maryam Yousefzadeh, Nafiseh Baheiraei, Atefeh Solouk Mofrad, "Evaluation of Electrospun polyethylene terephthalate / graphene oxide Composite Nano-fibrous Mat as a Conductive patch for cardiac regeneration ", international conference on nanofibers, October 2017
- 26 Maryam Rahmati Nejad, Maryam Yousefzadeh, Atefeh Solouk Mofrad, "The Structural Properties of Polyethylene Terephthalate based Nanofibrous Vascular Graft ", International Conference on Nanofibers, October 2017
- 27 Maryam Nezadi, Hamid Keshvari, Maryam Yousefzadeh, "Electrospinning polyurethane nanofibers for tissue engineering: optimization of processing parameters using the Taguchi design of experiments ", international conference on nanofibers, October 2017
- 28 Toomadj Rajabi Islami, Maryam Yousefzadeh, "Enhancement of Continuous Nanofibrous Yarn Production and Properties ", NANOFIBERS, APPLICATIONS AND RELATED TECHNOLOGIES – NART, September 2017
- 29 Seeram Ramakrishna, Maryam Yousefzadeh, "Functional Nanofibers in E-Textiles and Wearable Electronics ", NANOFIBERS, APPLICATIONS AND RELATED TECHNOLOGIES – NART 2017, September 2017
- 30 Sahar Jafari, Atefeh Solouk Mofrad, Maryam Yousefzadeh, "Polyethylene Terephthalate (PET) Nanofibrous Vascular Access ", NANOFIBERS, APPLICATIONS AND RELATED TECHNOLOGIES – NART, September 2017
- 31 Maryam Nezadi Niasar, Hamid Keshvari, Maryam Yousefzadeh, "Electrospinning of Polyurethane for Vascular Tissue Engineering: an Optimization Study by Using Taguchi's Methodology ", The Second National Festival and International Congress on Stem Cell and Regenerative Medicine, July 2017
- 32 Maryam Yousefzadeh, Peyman Aghasiloo, Mostafa Heydari Ramsheh, Masoud Latifi, "Photo-Catalysis Properties of Electrospun Ceramic TiO₂ Nanofibers with Different Structure and Morphology ", The Fiber Society's Spring 2017 Conference Next Generation Fibers for Smart Products, May 2017
- 33 Maryam Yousefzadeh, Amin Foroozan, Negin Iranmanesh, Toomadj Rajabi Islami, Masoud Latifi, "Investigation of the Structural Parameters in Electrospun Piezo Nanofibers and Yarns ", The Fiber Society's Spring 2017 Conference Next Generation Fibers for Smart Products, May 2017
- 34 Sahar Jafari, Atefeh Solouk Mofrad, Maryam Yousefzadeh, "Electrospun tubular nanofibrous vascular access for dialysis treatment ", 3th PAM International School on Applications of Nanomaterials in Medicine, November 2016
- 35 Arezo Mahdavi Varposhti, Maryam Yousefzadeh, Masoud Latifi, "Effect of electrospinning conditions and addition of metal nanoparticles on morphology and B-phase formation in PVDF nanofibers ", 12th International Seminar on Polymer Science and Technology, November 2016
- 36 Keyhan Ghaseminezhad, Jamshid Aghazadeh Mohandesi, Maryam Yousefzadeh, Mohadeseh Zare, Saba Lashkarara, "Fabrication and characterization of PCL/gelatin/Chamomile ternary nanofibrous composite scaffold for tissue engineering applications ", 5th International Conference on Materials Engineering and Metallurgy, November 2016
- 37 Arezo Mahdavi Varposhti, Maryam Yousefzadeh, Masoud Latifi, "Performance investigation of piezoelectric nanofibrous and film pressure sensors made of PVDF and PVDF metal nano-composite ", 4th Technical nanotechnology Conference in the electricity and energy industry, August 2016
- 38 Toomadj Rajabi Islami, Maryam Yousefzadeh, "Manufacture and optimization of nanofibrous yarn production by electrospinning method ", The 3th national conference on new technologies in the chemical, petrochemical and Nanotechnology, June 2016
- 39 Soghra Kanaani Moman, Maryam Yousefzadeh, "Design of intelligent Solar Cloth and Electrical Energy Storage in Cloth ", The 10th National Conference on Textile Engineering, April 2016
- 40 Mahsa Abbasi, Maryam Yousefzadeh, Masoud Latifi, "Evaluation of Thermal Efficiency of Self-Heated Electrical Worsted Clothing ", The 10th National Conference on Textile Engineering, April 2016
- 41 Ghazale Khoshniat, Mohammad Haghighat Kish, Maryam Yousefzadeh, "Friction of PVA Electrospun Nanofiber mat with glass and metal surfaces ", The 10th National Conference on Textile Engineering, April 2016

- 42 Peyman Aghasilo, Mostafa Heydari Ramsheh, Maryam Yousefzadeh, Masoud Latifi, "Hollow inter channel TiO₂ Nanofibers production and characterization in Electrospinning ", Nano Structure Solar Cells - NSSC94, December 2015
- 43 Sahar Jafari, Atefeh Solouk Mofrad, Maryam Yousefzadeh, Nasim Salehinik, "Preparation and Characterization of Nanostructured biological vascular grafts based on polyethylene terephthalate ", 2nd Iranian Congress on Progress in Tissue Engineering and Regenerative Medicine, November 2015
- 44 Maryam Yousefzadeh, "Wastewater treatment by Multi-layers Nanofibrous membrane ", UTIB VIIth International R&D Project Brokerage Event, May 2015
- 45 Maryam Yousefzadeh, "Carbon Nanofiber Yarns; Material with Unique Properties ", UTIB VIIth International R&D Project Brokerage Event, May 2015
- 46 Maryam Yousefzadeh, "Biodegradable Antibacterial Nanofiber sutures ", UTIB VIIth International R&D Project Brokerage Event, May 2015
- 47 Mostafa Heydari Ramsheh, Peyman Aghasilo, Maryam Yousefzadeh, Masoud Latifi, "Hollow Porous electrospun TiO₂ nanofibers for dye-sensitized solar cells ", Asian Nano Forum Conference-ANFC2015, March 2015
- 48 Mostafa Heydari Ramsheh, Peyman Aghasilo, Maryam Yousefzadeh, Masoud Latifi, "Hollow and Porous TiO₂ Electrospun Nanofibers for Dye Sensitized Solar Cell ", Nanostructured Solar Cell (NSSC93, November 2014
- 49 Maryam Yousefzadeh, "Improve Strength of the Nanofiber Membranes ", VI. International R&D Brokage Event in Turkish Textile and Clothing Sector, April 2014
- 50 Maryam Yousefzadeh, "High Performance NanoFABRICS ", VI. International R&D Brokage Event in Turkish Textile and Clothing Sector, April 2014
- 51 Peyman Aghasilo, Mostafa Heydari Ramsheh, Maryam Yousefzadeh, Masoud Latifi, "Electrospun DSSC Ceramic Nanofibrous ", 1th National Congress & Workshop in Nano Science and Tecnology, May 2013
- 52 Mina Bayat Tork, Elmira Hadipoor Goodarzi, Maryam Yousefzadeh, Masoud Latifi, "Incorporation Antibacterial Nanofibrous Layer in Sport Clothing ", International Istanbul Textile Congress 2013, May 2013
- 53 Maryam Yousefzadeh, "ON-LINE QUALITY INSPECTION IN TEXTILE COMPANIES USING MACHINE VISION ", UTIB Vth International R&D Project Brokerage Event, April 2013
- 54 Maryam Yousefzadeh, "MULTIFUNCTIONAL ADHESIVE BANDAGE ", UTIB Vth International R&D Project Brokerage Event, April 2013
- 55 Maryam Yousefzadeh, "INTELLIGENT ARTIFICIAL AGRO SPIDER WEB ", UTIB Vth International R&D Project Brokerage Event, April 2013
- 56 Farzaneh Ghasem Khah Mashkeleh, Nazanin Ansari, Maryam Yousefzadeh, Masoud Latifi, "Precision Nanofibre Deposition in Multi-Nozzle Electrospinning Process ", Advanced Technologies in Textile Industry, October 2012
- 57 Maryam Yousefzadeh, Seeram Ramakrishna, "Fabrication of Electrospun Anatase TiO₂ Nanotubes for Dye-Sensitized Solar Cell ", Conference on Nanostructured Solar Cells, October 2012
- 58 Maryam Yousefzadeh, Thirumal Krishnamoorthy, Seeram Ramakrishna, "Fabrication of Vertically Aligned Electrospun Anatase TiO₂ Nanotubes for Dye-Sensitized Solar Cell ", The Fiber Society's Spring 2012 Conference Fiber Research for Tomorrow's Applications, May 2012
- 59 Maryam Yousefzadeh, "Prediction of PAN Nanofibers Diameter and Defects Using Neural Network ", The Fiber Society's Spring 2012 Conference Fiber Research for Tomorrow's Applications, May 2012
- 60 Maryam Yousefzadeh, Masoud Latifi, "Nanofibrous Yarn with High Potential Applications ", The 4th International R&D Project Proposals Brokerage Event in Textiles and Clothing, February 2012
- 61 Maryam Yousefzadeh, "Solar Fabrics ", The 4th International R&D Project Proposals Brokerage Event in Textiles and Clothing, February 2012
- 62 Maryam Yousefzadeh, Malihe Nazi, "Using Core-Shell Technique to Prepare Biodegradable Electrospun Nanofibers/Cyclodextrin ", The Textile Institute Centenary Conference, October 2010

Taught Courses

#	Course title	Description	Headlines	Date
1	Nano Technology in Textile Engineering	Principles and applications of nanotechnology in Textile Engineering		Fall 2021
2	Technology & Production Methods of Nano-Fibrous Structures	Investigation of theories and technologies of nanofibrous structures fabrication		Fall 2021
3	Mechanics of Textile Materials Formability in Clothing	Investigation of mechanic properties of garments' materials in its formability and performance		Spring 2021
4	Mechanical properties of textile materials in clothing	The clothing durability and performance are affected by the mechanical properties of materials which are made. This course includes mechanical properties of fibers, yarns and fabrics that are important in clothing manufacturing and wear.		Spring 2021
5	Nano Technology in Textile Engineering	Principles and applications of nanotechnology in Textile Engineering		Fall 2020
6	Technology & Production Methods of Nano-Fibrous Structures	Investigation of theories and technologies of nanofibrous structures fabrication		Fall 2020