

Curriculum Vitae



Personal information:

Name: Mehran Dadgar

Date of birth: March, 1978

Marital Status: Married

Nationality: Iranian

Office: Department of Textile Engineering, Neyshabur University, Neyshabur - Iran.

Email address: m_dadgar@neyshabur.ac.ir , m_dadgar@aut.ac.ir, dadgar_mehran@yahoo.com

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Objective letter.

I've worked in the textile industry since 1996. Now I am proficient in BCF yarn spinning, frieze yarns and yarn heat setting, carpet weaving, carpet finishing, fabric dyeing, knitting, weaving, short/long spinning, new machine designing and constructing, method for producing new yarns in different system, new product designing, factory designing and establishing, management and consulting for solving the textile industry problems.

In brief, as I am trying to learn the textile knowledge beside the industrial experiences, brings the textile problem solving as an attractive art for me.

It could be done by creating new methods and inventions, new product designing, modifying management strategies and etc. Achieving this goal could be by knowing different software's and different knowledge in different fields that I have tried to tech myself beside the adapted knowledge via industrial experiences.

Now, after more than 15 years of industrial experiences and 25 years of academic educating and researching, I have achieved the power that can promise to every company could be the first in the world if the owner interested to be the first via a good leader, who knows technological and psychological knowledge for successful team working in peace and respective condition.

Note: if you are interested, you can ask the graphical CV, That's includes of pictures of my working environment.

Education

PhD: AMIRKABIR University (university of technology, Tehran Polytechnic) In textile technology Engineering, Tehran, Iran 2010-2014.

Thesis title: "Measuring and grading the pin-point effect of BCF polypropylene carpet pile yarns and investigate the causative factors" under the Supervisory of Dr. Seyed Mohammad Hosseini Varkiyani and prof. Ali Akbar Merati and advisory of Dr. Mohammad Karimi. Score 19 of 20.

MSc: Master of Science in the field of Textile Technology Engineering, Yazd University, Yazd, Iran 2006-2008. Thesis title: "Effect of smart clothes knitting fabric gauges on the respiratory signal". (C programming, design and mechanical making) supervised by Dr. E. Ekhtyari. The score was 18.75 of 20.

BSc: In the field of Textile Technology Engineering, Yazd University, Yazd, and Iran 1996-2000. Make a digital Yarn Tension Meter (include working with I/O ports, C programming, head design and mechanical making) supervised by Dr. A. Mirjalili. B.Sc thesis: "Make a digital Yarn Tension Meter" (include working with I/O ports, C programming, head design and mechanical making). The score was 19.5 of 20.

Books, PAPERS & Research

Books:

1. Dr Ali Akbar Merati¹, and Mehran. Dadgar. An Introduction to Electro Spinning and Nano Fibers. 1 vols. Vol. 1: Metalon, 2008. doi:677.4.
2. Dadgar., Mehran. Machine Made Carpet Finishing and Sizing Productivity. 1. 1 vols. Vol. 1, Iran: Nikoravesh Yazd, 2007. doi:677/643.

Journals:

1. Dadgar, Mehran, S Mohammad Hosseini Varkiyani, and Ali Akbar Merati. "Evaluation of Heat Setting Parameters in Carpet Comfort." *Fiber and polymer* (2015).
2. Mousavifard, S. M., M. M. Attar, A. Ghanbari, and M. Dadgar. "Application of Artificial Neural Network and Adaptive Neuro-Fuzzy Inference System to Investigate Corrosion Rate of Zirconium-Based Nano-Ceramic Layer on Galvanized Steel in 3.5% NaCl Solution." *Journal of Alloys and Compounds*, (2015).
3. Dadgar, M., Hosseini Varkiyani, S. M., & Merati, A. A. (2014). Pin-point Effect Determination Using A Rigorous Approach. *Indian Journal of Textile*.
4. Dadgar, M., Hosseini Varkiyani, S. M., & Merati, A. A. (2014). Evaluation of the pin-point effect on carpet appearance. *The Journal of the Textile Institute*.
5. Dadgar, M., Hosseini Varkiyani, S. M., & Merati, A. A. (2014). Comparison between artificial neural network and response surface methodology in the prediction of the parameters of heat set polypropylene yarns. *The Journal of the Textile Institute*.
6. Dadgar, Mehran, and S Mohammad Hosseini Varkiyani. "Comparison Heat Setting Results of Superba and Power Heat Set." *Tekstilna industrija* (2014).
7. Dadgar, Mehran, S Mohammad Hosseini Varkiyani, Ali Akbar Merati, and Arezoo Sarkheyli. "Comparison of Mamdani and Sugeno Fuzzy Inference System in Prediction of Residual Frieze Effect of Frieze Carpet Yarns." *Tekstilna industrija* 61, no. 2 (2013): 16-25.
8. Mehran, Dadgar. "Quality Control in Textile and Reducing Human Resources by Image Processing." *Nasaji Emroz*, 2009.

Conference Paper (selected):

1. Dadgar, Mehran, S Mohammad Hosseini Varkiyani, Ali Akbar Merati, and Mehrdad Dadgar. "Stability of Polypropylene Frieze Yarn after Different Heat Setting Condition and Prediction Residual Frieze Effect by Mamdani's Fuzzy Inference System." In *AUTEX*. Germany, 2013.
2. Dadgar Mehran, S Mohammad Hosseini Varkiyani, and Ali Akbar Merati. "Continuous and Non-Continuous Yarn Mercerizing Operations and Comparison of Results in Yarn Shining Using Image Processing." At 8th National Conference on Textile Engineering of Iran. Yazd, Iran, 2012.
3. Dadgar Mehran, S Mohammad Hosseini Varkiyani, and Ali Akbar Merati. "Heat Transfer Model in Filament Yarns with Finite Element." At 8th National Conference on Textile Engineering. Yazd, Iran, 2012.
4. Saboori, Farnaz, and Mehran Dadgar. "New Method for Evaluation Result of Coated Sheet Metal Panel by the Impact Folding." In *PPS Iran-Kish Island*, 2011.
5. Dadgar, Mehran, S Mohammad Hosseini Varkiyani, and Ali Akbar Merati. "A New Method of Evaluating Heat Setting Effect of Carpet Yarns." In *ATC*. Korea, 2011.
6. Dadgar, Mehran, Ali Abdollahifar, and Reza Shams Abadi. "Recognition of Respiration Signal of Intelligent Textiles, Which Are Made of Bio Component Nano Filament." In *ITMC. Meraco_French*, 2011.

¹Dr.Ali Akbar Merati ; Professor, textile faculty - Yazd university

7. Dadgar, Mehran. "Increase the Strength of the Carpet Pile Yarns by Better Latex Penetration." In 6th International Conference on Textile Engineering. Isfahan: Isfahan University of Technology, 2008.
8. Dadgar, Mehran. "System of Supply and Distribution of Goods in Iran with the Help of Information Technology." In Goods supply chain. Tehran: Sharif University of technology, 2008.
9. Dadgar, Mehran. "Solutions to Industrial Flourishing Due to Two-Way Communication between Industry and University, Especially in the Textile Industry." In Sustainable Development. University of Science and Industry, 2007.
10. Dadgar Mehran, Shahram Rajae, and Mahmud Nazari. "Nanotechnology in the Field of Medical Engineering and Textile Engineering." In 1st conference on application of nanotechnology in science, engineering and medicine. Azad University of Mashhad, 2005.

Patent:

1. Mehran, Dadgar, S Mohammad Hosseini Varkiyani, and Ali Akbar Merati. "The Device for Assessing the Degree of Pin-Point of Heat-Set Yarns." Iranian Patent Office. Iran, 2013.
2. Dadgar Mehran, S Mohammad Hosseini Varkiyani, and Ali Akbar Merati. "Freeze Yarns Indexer Based on Two-Dimensional Image." Iranian Patent Office. Iran, 2013.
3. Dadgar Mehran, S Mohammad Hosseini Varkiyani, and Ali Akbar Merat. "Methods for Producing Carpets without Latex." Iranian Patent Office, 2013.
4. Dadgar Mehran. "Designing and Constructing the Special Machine for Producing the Iranian Hand Made Carpet." Iranian Patent Office, 2009.
5. Dadgar Mehran, and Mahmoud Nazari. "Making Smoke-Sensitive Fabrics Using Nanotechnology." Iranian Patent Office, 2009.
6. Dadgar Mehran. "System of Latex Penetration in Machine Made Carpet." Iranian Patent Office, 2006.
7. Dadgar Mehran. "Manufactured Knitting Underwear with Ability to Sensing the Breath Rate." Iranian Patent Office, 2006.
8. Dadgar Mehran. "Design and Manufacture of Single-Thread Digital Tension Meter." Iranian Patent Office, 2005.
9. Dadgar Mehran, "Achieve a High-Strength Polypropylene Yarns by Changing in Melt Spinning Process." Iranian Patent Office, 2004.

Work Experience

Industrial experiences:

1. Product manager at SHADILON Co.i
2. Quality control manager in ZOMOROD CARPET.ii
3. Factory manager at Negin Spinning Co.iii
4. Director of textile machine manufacturing (expert in textile machines and mechanism designing by solid work, constructing the machine and mechanism by the help of some workers and mechanical engineers). 2013-2018
5. Technical and production assistant. (Farsa group include of 4 textile factories and about 1000 people). 2018

Cooperation with Iranian National Standards Organization (ISIRI):

1. Standard writing: standard method for measuring the yarn bulkiness, No.6973, 2006
2. Research grant: Specification of yarns and fabrics used in transition v_belt, 2004.

Thesis Supervision Experience:

MSc thesis:

1. Jahani H (2013). Investigation of density variations and polypropylene BCF yarns used in machine made carpets in different tensions Textile Department. AmirKabir University of Tehran.

2. Moghadam MR (2012). Investigation of diameter variation of fiber and polypropylene BCF yarns used in carpet piles with a different twist by heat setting process. Textile Department. AmirKabir University of Tehran.
3. Khani H (2012). Bending rigidity of polypropylene BCF pile yarns used in carpet under cyclic load. Textile Department. AmirKabir University of Tehran.

Projects, consulting and part time work

1. "CAD CAM System and data processing" Supervised by Dr. A. Mirjalili
2. "Uniformity effect and effective parameters, in Textile Processes, From Fiber to Fabric" Supervised by Dr. A. ALAMDAR
3. Editing a circular knitting book. (Published by Dr. A. Mirjalili)
4. Preparing the software for weaving design with C and selling to some company.
5. Repairer Some Textile Machine in YAZD POOSH iv
6. Design Consulting in AHRAR BAF ARDAKAN YAZDv and GERDBAF YAZDvi
7. Textile engineer in institute of standard and industrial research Iranvii (Khorasan) For Two Years.
8. Project manager for "Decrease waste and increase productivity" in ALYAF POYA Co. viii
9. Factory manager and installer manager at KIMIA GARAN YAZD Co.ix
10. Industrial engineering manager in YAZD CARPET Co.x
11. Consulting in "Diagnostic study suggestion about Yazd textile companies"xi
12. Product manager at Mahestan Carpet Co.xii
13. Drill bit factory designing consultant.

Teaching:

1. Weft knitting workshop, Oct 2000 Supervised by Dr. Abbas Mirjalili (Assistances during BSc educating).
2. Weft Knitting workshop, 2007 (Assistances during MSc educating).
3. Computer course in PHANI HERFEE KHORASAN (During BSc educating).
4. Weaving Course in PHANI HERFEE KHORASAN (During BSc educating).
5. Carpet finishing workshop in Kashan 2006.
6. Carpet finishing in C.I.C (carpet inelegances center) 2006.
7. Teaching Matlab software in textile association science. (Mathematics Section-Primary level).
8. Teaching Ansys software in textile association science. (Present in English Language-Primary level).
9. Teaching Matlab software in textile association science. (Image processing Toolbox-Primary level).
10. 2007. Ansys software (present in English Language-Primary level), held at Yazd university, Textile department. (In textile association science).
11. 2007. Matlab software (Mathematics Section-Primary level), Yazd University, Textile department. (In textile association science).
12. 2007. Weaving Course, Mashhad, and industrial office. (In training association science)

Certificates/Skills/Honors/computer experts/Hobbies:

Certificates:

1. Controlling and Calibration, Measurement Instruments, confirmed by Institute of Standard and Industrial Research Iran.
2. Standard's Rules, confirmed by Institute of Standard and Industrial Research Iran.
3. Quality Control, confirmed by Institute of Standard and Industrial Research Iran.
4. Applied Management, confirmed by Institute of Standard and Industrial Research Iran.
5. Internal Auditor for ISO 9001 Version 2000 May 2005, confirmed by S.G.S (International Certification Services) Company.
6. M.I.S (Management Information System) confirmed by Iran Research Organization Science and Technology
7. Productivity confirmed by Iran Research Organization Science and Technology

8. Matlab Software (mathematics and image processing) confirmed by Iran Research Organization Science and Technology

Training:

1. Practical managing course in MASHHAD NAKHxiii
2. Practical managing course in KHOSRAVExiv
3. Practical managing course in NEGIN CARPET^{xv}

Editorial Responsibilities.

4. Journal of Industrial Textiles, Peer reviewer of textile journals , (Impact factor: 1.200 (2013), Korea).
5. Journal of textile Science and technology, (Iranian ISC journal).
6. Peer reviewer of 12th iraninan national textile conference-yazd university 2019.
- 7.

Honors & skills:

1. Computer Supervisor in Yazd Textile Department 1997-2000
2. Supported My Tension Meter Product Plan by Iran Research Organization Science and Technology
3. Make a digital Yarn Tension Meter (include working with I/O ports programming, head design and mechanical making), and registration in the national Iranian innovation center
4. Designing a “software for fabric design”
5. Designing a software for simulation darning job for determining the efficiency of workers (done in Zomorod Carpet factory)
6. Calligrapher in Farsi.
7. Accept at MBA in EPFL University, Lausanne, Switzerland, and in BOT (building of talent management) program.2008.
8. Accept at MBA in UNB University, Canada.2008.
9. Accept at PhD of mechanical engineering (design field) in UPT University, Malaysia.2009.
10. knowledge the technological points of working with **lathe** machine (knowledge for machine manufacturing)
11. Knowledge the technological points of working with **milling** machine (necessary knowledge for machine manufacturing).
12. Knowledge the technological points of working with **tape and reamer**. (Necessary knowledge for machine manufacturing).
13. Knowledge the technological points of **drilling**. (As part of necessary knowledge for machine manufacturing).
14. Knowledge the technological points of **metal hardening** (heating method and plating).
15. Knowledge the technological points of **metal welding**. (As part of necessary knowledge for machine manufacturing).
16. Knowledge the technological points of different **metal usage**. (As part of necessary knowledge for machine manufacturing).
17. Knowledge about the **gears calculation** and designing
18. Knowledge about the **cams calculation** and designing
19. Knowledge about the **general power problems**.
20. Knowing the base points of **team working** and team managing and try the taste of successful team working.
21. Constructing the carpet fringe knotting machine in my company.

Computer training:

1. Matlab and image processing (Used in my MSc courses).
2. C++, (Used in my BSc project).
3. Experienced in Windows Environments.
4. Experienced in Microsoft Office: Word, Power Point and Excel and Access.
5. Delphi programming, (Used in textile software writing).
6. Visual basic programming, (Used in textile software writing).
7. Knowledge of software and hardware assembling, (Used in system installation).

8. Method for out port and in port data transfer, (Used in my BSc project).
9. Local network information.
10. Ansys software, (used for modeling my MSc project).
11. Neural network information, (used for modeling in PhD project).
12. Fuzzy logic information, (used for modeling in PhD project).
13. Genetic algorithm information, (used for modeling in PhD project).
14. Comfar Software, (use it for calculating and designing a factory).
15. Expert Choice Software, (use it for decision making in factory Management).
16. Arena Software, (use it for modeling a product line in factory).
17. Working model, (use it for modeling a product line in factory).
18. Solid Works, (use it for designing new industrial parts and machines).
19. Cam trax, (For designing and calculating different cams).
20. Gear trax, (For designing and calculating different gears).
21. Gemini, Marvelous, (Software for patterning clothes and shoes).
22. RSM, (For analyzing data in different projects).
23. Spss, (For analyzing data in different projects).

Memberships:

1. Member of Iranian Inventors Association
2. Member of Student's Textile Club in Yazd University, Yazd 1995-2000
3. Member of Yazd Textile Magazine 1998-2000
4. Member of Science Board Servicing in Yazd University 1997-2000
5. Member of Khorasan province managers' association

Hobbies and Sports

1. Swimming
2. Cycling
3. Cragman
4. Reading
5. Self-Study of PLC and Different Sensors.
6. Basic Method for Fiber Fineness Measurement (Especially SHERLY's Method).
7. Basic Method to Mixing Granules, before melt spinning Line.
8. Study about Signal Processing.
9. Study about Engineering Economy.

Referees:

1. Dr.Hossini; Textile Professor (Textile faculty of AmirKabir University)
2. Dr.Merati; Textile Professor (Textile faculty of AmirKabir University)
3. Dr.E.Ekhtyari : Textile Professor (Textile faculty of Yazd University)
4. Professor F.Daneshgaran.(Full Professor and Chairman of the ECE Department; Calstatela University)
5. Dr.Latifi: Textile Professor (Textile faculty of AmirKabir University)

Languages:

1. Farsi (native)
2. English (good),(Iltes certificate:S:6.5, W:6,R:5,L:5→O:5.5).

3. Arabic(basic)

Industrial and scientifically Visits

Foreign:

1. CIMT 2019(The 16th China international machine tool show, Beijing)
2. Visiting chines companies include bar manufacturer companies, drill bit manufacturer companies, heating and hardening machinery manufacturer companies in different cities (Gongyinan,Taizhou,wenzhounan, shanghai, Nanjingnan, Zhengzhoudong, Yiwu, Suzhou,Jinhuanan).
3. Demotex 2012 (Germany, Hanover city).
4. Noumag Orelikon Co. (Germany, Noimenester city).
5. Superba Co. (French, Mulhouse city).
6. ENSISA Textile faculty (French, Mulhouse city).

Iranian:

1. Pishro khorasan Co. (Manufacturer of acrylic yarns- 2012)
2. Arya Ceram Co. (Manufacturer hygienic ceramics-2012)xvi
3. Dastranj Reza Baft Co. (Ghazvin-2011)xvii
4. Yas Nakh CO (Ghazvin- 2011)xviii
5. Reza Nakh CO. (mashhad)xix
6. Jame Co.xx
7. Tehran Carpet Co.xxi
8. Akal Co. xxii
9. Nakh Iran Co. xxiii
10. Negin Spininng Co. xxiv
11. NASSAJE CHARMAHAL BAKHTYARE xxv
12. REZA RANG MASHHAD xxvi
13. GOLCHARM JAMxxvii
14. MASHHAD CARPETxxviii
15. NAZHARER KHORASAN xxix
16. SHOKOFEH xxx
17. HONARTEX YAZDxxxix
18. KASHAN RIS SANJ COMPANY DEC 2004xxxii
19. LAK TALAEE TOOS xxxiii
20. ROVSHAN TOOSxxxiv
21. MASHHAD BAFTE KIMIAxxxv
22. CHAP V TAKMIL V RANGRAZE KIMIAGARAN YAZDix
23. VATAN FACTORY(ESFAHAN 2005-08-21) xxxvi
24. IRAN NOVICH (ESFAHAN 2005-08-21) xxxvii
25. BAF LORAL (BROJERD 2005-08-21) xxxviii
26. PILEH FACTORY (TEHRAN 2005-08-15) xxxix
27. BAHARAN MILL (TEHRAN 2005-08-15) xl
28. AZAR FACTORY (YAZD_2006-04-15) xli
29. NAGHSHIN FACTORY (YAZD_2006-04-17) xlii
30. KHOSH RIS FACTORY (YAZD_2006-04-20) xliii
31. YAZD CARPET (YAZD-2006-7-10)x

32. NEGARESH NOV (YAZD-2006-8-10)xi
33. Mahestan Carpet (Delijan -2007) xii
34. Aligodarz Steel (Aligodarz - 2008-03-16) xliv
35. Poshesh Gostar Ardakan (Ardakan-Yazd 2008-06-04)^{xlv}
36. Ghete Gostar Kerman (Kerman-2019)^{xlvi}

i SHADILON: A Big and Old Factory that Have Texturizing, Knitting, Fabric and Yarn Dyeing ,and High pile Product Lines

ii ZOMOROD CARPET: A Big Company that Produce Acrylic and P.P Carpets

iii Negin Spinning CO. (Mashhad -2009): BCF p.p yarn & heat setting and friezing yarn manufacture company

iv YAZD POOSH : A Big Knitting Company in Yazd

v AHRAR BAF ARDAKAN YAZD: A Factory That Produce Knitting Fabric

vi GERD BAF YAZD : A Big an Old Factory That Produce Knitting Fabric and Dyeing

vii Standard office : Institute of Standard and Industrial Research of Iran

viii ALYAF POIA: A P.P Spinning and Weaving for P.P Sacks, (Gunny) Product

ix CHAP V TAKMIL V RANGRAZE KIMIAGARAN YAZD: Dyeing and Finishing Factory

x YAZD CARPET (YAZD-2006-7-10): Carpet producer

xi NEGARESH NOV (YAZD-2006-8-10): Researcher company

xii Mahestan Carpet (Delijan -2007): Carpet Producer company

xiii MASHHAD NAKH : A Company with Yarn Product and Dyeing Lines

xiv NAKH KHOSRAVE: A Weaving and Spinning Factory

xv NEGIN CARPET: Acrylic and P.P Carpets Producer

xvi Manufacturer hygienic ceramics

^{xvii} PET/ POY yarn manufacturer

^{xviii} Texturizing yarn manufacturer and twisting yarn

^{xix} Semi worsted spinning

^{xx} Jame Co.-wool worsted spinning and weaving Co.

^{xxi} Farsh Tehran: (dyeing, spinning, weaving, finishing) ;carpet producer

xxii Akal Esfahan: a BCF yarn producer

xxiii Nakh iran: yarn manufacturer company

xxiv Negin spinning Co.: A melt spinning Factory

xxv NASSAJE CHARMAHAL BAKHTYARE: A Weaving and Dyeing and Finishing Factory

xxvi REZA RANG MASHHAD: A Company for Dyeing and Finishing and Printing Knitting Fabrics

xxvii GOLCHARM JAM: A Man Made Leather Producer Factory

xxviii MASHHAD CARPET: A Big Company That Produce Acrylic And P.P Carpets

xxix NAZHARER KHORASAN: A Knitting and Weaving (Air jet) Factory

xxx SHOKOFEH: A Hygienic Equipment Factory In Tehran

xxxi HONARTEX YAZD: A Big an Old Factory that Produce Knitting Fabric and Dyeing and Woolen Spinning

xxxii KASHAN RIS SANJ COMPANY: Maker Some Laboratory Instrument Same as Electronic Twist Tester and ...

xxxiii LAK TALAEE TOOS: Producer inside Liquid for Can Coating

xxxiv ROVSHAN TOOS: Can Coating Line

xxxv MASHHAD BAFTE KIMIA: Knitting Company in Mashhad

xxxvi VATAN FACTORY (ESFAHAN 2005-08-21): Spinning and weaving, semi worsted line

xxxvii IRAN NOVICH (ESFAHAN 2005-08-21): Blanket weaving

xxxviii BAF LORAL (BROJERD 2005-08-21): None woven moquette

xxxix PILEH FACTORY (TEHRAN 2005-08-18): Fabric Dyeing and Finishing and Printing Factory

xl BAHARAN MILL (TEHRAN 2005-08-15): Fabric Dyeing and Finishing Factory

xli AZAR FACTORY (YAZD_2006-04-15): Fabric Dyeing and Finishing Factory

xlvi NAGHSHIN FACTORY (YAZD_2006-04-17): Fabric dyeing & printing and Finishing Factory

xlvi KHOSH RIS FACTORY (YAZD_2006-04-20): Yarn dyeing & flat knitting

xliv Aligodarz Steel (Aligodarz - 2008-03-16): steel production

xlvi Poshesh Gostar Ardakan (Yazd- Ardakan- 2008-06-04- foam & car seat' cover manufacturer)

xlvi Ghete Gostar Kerman(Kerman 2019- polymer coating & Alloy steel & molding drill bit manufacturer)