



Keivan Ansari

Institute for Color science and Technology
 Color Imaging and Color Image Processing Research Group
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https://www.researchgate.net/profile/Keivan_Ansari/publications

1- Personal Information

- Born on 17 November 1964, in Tehran, IRAN
- Male, Married, two children

2- Research Interests

Color Appearance, Multispectral Imaging, Color Psychophysical Experiment, Color Matching, Color Physics in Industry.

3- Educational Background:

- **Flow Researcher, ImViA-** Imaging and Artificial Vision, Université de Bourgogne, FRANCE. 2019-2020.
- **PostDoctoral Researcher, LE2I -** Laboratoire Electronique, Informatique et Image. Université de Bourgogne, FRANCE. 2015-2016.
 - Research Title: "Optimum Band Selection for Multispectral One-shot sensor for Face Recognition in Visible and Near-Infrared spectrum ", European Project EXIST (Extended Image Sensing Technologies).
 - Supervisors: Prof. Pierre Gouton and Dr. Jean-Baptiste Thomas
- **Ph.D.** in Color Engineering, Amirkabir University of Technology (Tehran Polytechnic), Iran, received January 2005.
 - Dissertation Title: " Basis Functions Optimization for Reconstruction and Compressing of Spectral Functions".
 - Supervisor: Prof. H. Amirshahi
 - Advisor: Prof. S. Moradian
- **M.S.** in Color Engineering, Islamic Azad University (South Tehran Branch), Iran, received May 1997.
 - Thesis Title: " Color Pyramid Test".
 - Supervisor: Prof. S. Moradian
- **B.Sc.** in Color Science and Technology, Amirkabir University of Technology (Tehran Polytechnic), Iran, received January 1989.
 - Thesis Title: "Computational Algorithm for Paint Formulation Based on P.V.C. & C.P.V.C".
 - Supervisor: Dr. M. Arghandeh
- **Diploma** in Math & Physics, 1983.

4- Professional Experiences

| | As | Location | Time |
|---|----------------------|--|-----------|
| - Color Imaging and Color Image Processing | Scientific Board | Institute for Color Science and Technology (ICST), Research Group, Tehran, Iran. | 2007- now |
| - Color Imaging Lab. | Manager | Institute for Color Science and Technology (ICST) , Tehran, Iran. | 2011-2013 |
| - Research Engineering | Department Manager | Payar Engineering Co., Tehran, Iran. | 2004-2005 |
| - Industrial Zone Development and Construction | Deputy Chief Manager | Development and Construction of Mianeh City Co. , Tehran, Iran. | 2004 |
| - Sales Engineering Department | Manager | Industrial Group Diezel saz-Abnour Co. , Tehran, Iran. | 1988-2001 |
| - Paint and Coating Systems renderer | Technical Consultant | Luleh Mashin sazi Iran, Qeshm Free Zone Water Organization, Vazin Sanat Co.,... | 1988-2006 |
| - Utilizing Management | Chief Expert | Free Zone of Qeshm (Industrial Organization) | 1996-1998 |
| - Petrochemical ,Paint and Resin Department | Chief Inspector | sazeman bazrasi va nezarat kala (Stuff Inspection Org.) | 1995-1996 |
| - Paints & Coatings R&D - Quality Control Labs | In Charge/ Work | Teiph Saipa Co. , Rangrazi Khosh Co., | 1991-1994 |
| - Work in: FamSazan Co. (Paint Equipments Test), Sarv Rang Co. (Industrial Paints Producer), Saman Co. (Research on Pentaerythritol), Ledora Co. (Making Industrial Polish Putty),... | | | |

5- Publications (Journal and Conference Papers)

5.1. in English:

1. Mohammad Erfan Bahrami, Masoud Honarvar, [Keivan Ansari](#), Bahareh Jamshidi, " Measurement of quality parameters of sugar beet juices using near-infrared spectroscopy and chemometrics", Journal of Food Engineering, October 2019.
2. Majid Ansari-Asl, [Keivan Ansari](#), "A Pilot Study on Iranian Skin Color", The 9th Colour and Visual Computing Symposium (CVCS 2018), Gjøvik, Norway, 2018.
3. M. Gorji Bandpay, F. Ameri, [K. Ansari](#), S. Moradian, "Mathematical and empirical evaluation of accuracy of the Kubelka–Munk model for color match prediction of opaque and translucent surface coatings", Journal of Coatings Technology and Research, pp.1-15, March 2018.
4. A.Gholamianpour, B.Iranmanesh, [K. Ansari](#), S.Gorji Kandi, M.Ansari Asl, "Classification of PANTONE SkinTone Guide Chart by Fuzzy C-Means methods", the 7th International Color & Coating Congres (ICCC2017), Tehran, IRAN, 19-21 December 2017.
5. B.Iranmanesh, A.Gholamianpour, S.Gorji Kandi, [K. Ansari](#), M.Ansari Asl, "Brief overview of PANTONE SinkTone Guide Chart in CIEL*a*b* color space", the 7th International Color & Coating Congres (ICCC2017), Tehran, IRAN, 19-21 December 2017.

6. [Keivan Ansari](#), Jean_Babstiste Thomas, Pierre Gouton, "Spectral Band Selection Using a Genetic Algorithm Based Wiener Filter Estimation Method for Reconstruction of Munsell Spectral Data", IS&T International Symposium on Electronic Imaging 2017, Color Imaging XXII: Displaying, Processing, Hardcopy, and Applications, January, 2017.
7. Mohammad Erfan Bahrami, Masoud Honarvar, [Keivan Ansari](#), "Feasibility of Using Digital Image Processing and Colorimetric Measurements to Estimate the Physicochemical Properties of Raw Cane Sugars", Sugar Tech, August, 2016.
8. Mohammad Erfan Bahrami, [Keivan Ansari](#), "Correlation between colorimetric parameters and physicochemical properties of Iranian raw cane sugars", The 6th International Color & Coating Congress, 10-12 November 2015.
9. [Keivan Ansari](#), Siamak Moradian, "Recovery of Metameric Blacks from CIE Tristimulus Values Using a Combined System of Artificial Neural Network/Spectral Decomposition Theory, AIC2014, Interim Meeting 3rd Mexican Color Meeting, SEP, 2014.
10. Mahshid Montazeri, Ali Shams-Nateri. [Keivan Ansari](#), "Recovering spectral data of metallic paints in different viewing angles by digital camera", Sensor Review, Vol. 34 Issue: 1, pp.89 – 97, 2013.
11. [Keivan Ansari](#), Fatah Hatami, Siamak Moradian, "Applying spectral decomposition theory to hyperspectral data in order to minimize the color difference between the actual and the reconstructed data", 5th International Color and Coatings Congress (ICCC 2013) Isfahan-Iran, December 18-19, 2013.
12. N.Khalili, F.Ameri, S.Moradian, F.Mirjalili, [K. Ansari](#), "Effects of illumination conditions on visual assessment of geometric attributes of automotive finishes", 5th International Color and Coatings Congress (ICCC 2013) Isfahan-Iran, December 18-19, 2013.
13. Habib Alizadeh, [Keivan Ansari](#), Manochehr Khorasani, seyede Maryam Madani, "Comparison of sound absorption property of two mastics containing a crushed polyurethane foam or a commercial expancel microsphere", 5th International Color and Coatings Congress (ICCC 2013) Isfahan-Iran, December 18-19, 2013.
14. Maryam Zanganeh, Mahdi Safi, [Keivan Ansari](#), "Instrumental and Visual Evaluation of Color Change in Iranian Honey Samples under Different Illuminants", International Food Research Journal, 08/2013; 21(1):407-411.
15. S. Gorji Kandi and [K. Ansari](#), "Color Scene Transform Between Images Using Rosenfeld-Kak Histogram Matching Method", Progress in Color, Colorants and Coatings, Pages 17-24, Vol. 6, No. 1, Winter 2013.
16. [Keivan ANSARI](#), Mahdi SAFI, "Investigation of the Color Appearance of Color Chips under Bi-Combinations of Various Light Sources Commonly Used in Indoor Environments", AIC 2012 Taipei, Taiwan, Sep 23-25, 2012.
17. Mahzyar GORJI, [Keivan ANSARI](#), Siamak MORADIAN, "Errors Involved in Profiles in Color Management Systems", AIC 2012 Taipei, Taiwan, Sep 23-25, 2012.
18. S. Gorji Kandi, [K. Ansari](#), "Transforming Color Space between Images Using Rosenfeld-Kak Histogram Matching Technique", 4th International Color and Coatings Congress (ICCC 2011), Tehran-Iran, 2011.
19. Naghme Naseh, Samaneh Heydari, [Keivan Ansari](#), Alireza Mahmoudi, and Siamak Moradian, "Evaluating the metallic flake orientation by a novel technique using digital photography and image processing", 4th International Color and Coatings Congress (ICCC 2011), Oral, Tehran-Iran, 2011.
20. Mahzyar Gorji, [Keivan Ansari](#), Siamak Moradian, "Drying time of inks on various papers", 4th International Color and Coatings Congress (ICCC 2011), Tehran-Iran, 2011.
21. [Keivan ANSARI](#), Nader CHAVOSHI, Siamak MORADIAN and Saideh Gorji KANDI, "The use of matrix q of the decomposition theory and principal component analysis for color image mapping of a scene", AIC 2011, Switzerland, 2011.
22. Mahzyar GORJI, [Keivan ANSARI](#), Siamak MORADIAN, "The use of Fundamental Color Stimulus and Artificial Neural Network to enhance the performance of Color Profile Management Systems", AIC 2011, Switzerland, 2011.
23. [Keivan ansari](#), Alireza Mahmodi Nahavandi, Farhad Ameri, "An Image Processing Technique for Numerical Evaluation of Residual Area of a Coatings Film after a Pull-off Test", 3rd International Color and Coating Congress (ICCC), Nov.16-18, Tehran, Iran, 2009.
24. F.M. Abed and K.ansari, "Effect of Light Source in Visual Colorimetric Assessments and Instrumental Measurements", International Light Source Workshop (LSW08), Taiwan, 2008.
25. [K. Ansari](#), S. H. Amirshahi and S. Moradian, "Recovery of Reflectance Spectra from CIE Tristimulus Values using a Progressive Database Selection Technique", Society of Dyers and Colourists, Coloration Technology, 122,(2006), 128–134 .
26. [Ansari Keivan](#), Amirshahi Sayed Hossein and Moradian Siamak, "Recovery of Reflectance Spectra of Coloured Textiles from CIE Tristimulus Values using a Progressive Database Selection Technique", Iranian Journal of Chemistry & Chemical Engineering, Vol. 25 , No. 2, 2006.
27. [K. Ansari](#), S. Moradian and S.H. Amirshahi, "Compression of Reflectance Curves of Colored Specimens of Different Origins by the Use of Fundamental Color Stimuli", 11th International & 2th National conference on Color Science and Technology , 2006.
28. [K. Ansari](#), S.H. Amirshahi and S. Moradian "Using the Principal Components of Reflectance Data to Recover the Spectra of Acrylic Paints by Using Selective Database Technique", 11th International & 2th National conference on Color Science and Technology , 2006 .
29. [Keivan Ansari](#), Siamak Moradian, Sayed Hossian Amirshahi ,Gholamreza Salami, "Compression of Reflectance Curves of Colored Acrylic Samples by the use of Fundamental Color Stimuli", ispst , International Seminar on Polymer Science and Technology, 2005 .
30. [K. Ansari](#), S. Moradian, and S.H. Amirshahi, "Recovery of Spectral Reflectance of Acrylic Paints by Use of Adaptive Data Selection Technique", ispst , International Seminar on Polymer Science and Technology, 2005 .
31. [K. Ansari](#), S. Moradian, and S.H. Amirshahi, "Ideal Compression of Reflectance Curves by the use of Fundamental Color Stimuli", 10th Congress of the International Colour Association, AIC Colour 05 , Granada, Spain, 2005 .
32. [K. Ansari](#), S. Moradian, and S.H. Amirshahi, "Recovery of Spectral Reflectance of Munsell Color Chips by use of Adaptive Data Selection Technique", 7th International Symposium on Multispectral Color Science, Granada, Spain, 2005.

5.2. In Persian:

33. Mohammad Erfan Bahrami, Masoud Honarvar, [Keivan Ansari](#), Bahareh Jamshidi, "Investigating the effect of various pre-processing methods of the spectral data of sugar syrups on the model estimation of sucrose concentration in Near Infrared region", Journal of Color Science and Technology, (accepted 17-12-2018).
34. Mohammad Erfan Bahrami, Masoud Honarvar, [Keivan Ansari](#), Bahareh Jamshidi, "Investigating the effect of various pre-processing methods of the spectral data of sugar syrups on the model estimation of sucrose concentration in Near Infrared", National Conference on Dyes, Environment and Sustainable Development, 4-5, Dec, Tehran, IRAN, 2018.
35. Mahzyar Gorji, [Keivan Ansari](#), Farhad Ameri, Siamak Moradian, "Theoretical comparison of the Kubelka-Munk model and Chandrasekhar model in color matching of opaque systems", 11th National Textile Engineering Conference, Rasht, Iran, 9-10 May, 2018.
36. Bahrami, M. E., [Ansari, K.](#), Honarvar, M., "CIE color coordinates measurement of imported raw cane sugar samples using spectrophotometer and correlation with their certain quality parameters", Journal of Food science and Technology (JFST), No. 55, Vol. 13, Pages 69-79, Sep 2016.
37. Ahmad Bahadorbaigy, Masoud Honarvar, [Keivan Ansari](#), Mohammad Erfan Bahrami, "Determining the area of sugar beet using digital image processing method and its correlation with the technological factors", Journal of Research and Innovation in Food Science and Technology (jrifst), Volume 5, Issue 1, Pages 15-26, 2016.
38. Mahzyar GORJI, [Keivan ANSARI](#), Farhad AMERI, Siamak MORADIAN, "A Concise Review on Color Match Prediction Models", Journal of Color Science and Technology, 8, Pages 249-260, Dec, 2014.
39. Habib Alizadeh, [Keivan Ansari](#), Manochehr Khorasani, Hossain Mehravaran, "Investigation on Acoustic Property of sound absorbent Mastics contained some organic cellulosic materials", 2st National Conference on Management of Sound and Air Pollution, Sanati Sharif University, Tehran, Iran, Dec., 2013.

40. Habib Alizadeh, Manochehr Khorasani, Keivan Ansari, seyede Maryam Madani, " Production of an Automotive coating by the use of Microballon to Reduce Noise Pollution by the Damping Process, 3rd International Conference on Traffic Paints, signs road", Iran Polymer and Petrochemical Institute, 19-20 May, Tehran, Iran, 2013.
41. Mahzyar GORJI, Keivan ANSARI, Siamak MORADIAN," The effect of various papers on the prediction accuracy of a cube nearest neighbor color prediction model in LUT profiles utilized in an inkjet printer", Journal of Color Science and Technology, P. 257-263, 7, Dec, 2013.
42. Mahzyar Gorji, Keivan Ansari, Siamak Moradian," The use of Decomposing Theory and Artificial Neural Network To Enhance the Performance of Color Profile Management Systems", Journal of Printing and Publish, No 2, Pages 75-88, Spring 2012.
43. Mahzyar Gorji, Keivan Ansari, Siamak Moradian," Investigating Methods for Determining the Boundaries of the Color Gamut of a Printer", Journal of Printing and Publish, No 1, Pages 103-117, Winter 2012.
44. Keivan Ansari, "Classification of some Color Illusions", Journal of Studies in Color World(JSCW), Pages:15-22, Vol. 1, No. 3, Winter 2011.
45. Keivan Ansari, Alireza Mahmodi Nahavandi, "Provid a New Assessment System for the Chipping Test using for Quality Control Labs at Automotive Industry",oral presentation, The First Conference Of Automotive Industry,Ahvaz, Iran, May., 2012.
46. Maryam zanganeh, mehdi safi, keivan Ansari, "Application of Instrumental Color Measurement to Control of Honey Quality", The First National Congress of Agricultural Science and New Technologies, Zanjan, Iran,2011.
47. Saideh Gorji kandi, keivan Ansari, "Color Space Transferring an Art Painting over an Urban Facade", Conference of Building & Urban Landscape", Iran, 2011.
48. Mahshid Montazeri, Ali shams Nateri, Keivan Ansari, "Optimization of Polynomial Regression to Colorimetric Characterization of Digital Camera Data for Multi-Angle Imaging ", 4th International Conference of Iranian Society of Operation Research, Gilan, Iran, 2011.
49. Keivan Ansari, Siamak moradian, "Determining Correlation Factors Regarding the Color Pyramid Test and Cattell's Personality Questionnaire", Journal of Color Science and Technology, Vol. 3, No. 1, Spring 2009.
50. Keivan Ansari, "How We Perceive The Colors", Chap & Nashr Magazine(Print & Press Magazine), No. 51, Iran, Pages 30-31,2009.
51. Keivan Ansari, "Color Experience", Sanat Rang Magazine(Paint Industry Magazine), No. 8,Iran, Pages 29-33, July 2004.
52. Keivan Ansari, "Glossiness", Sanat Rang Magazine(Paint Industry Magazine), No. 5,Iran, Pages 8-12, Nov. 2003.
53. Keivan Ansari, Author of section:"Frequently Ask Questions in Color Physics", Journal of Studies in Color Word(JSCW), Pages:59-60, Vol. 1, No. 2, Autemn 2011., Pages:71-72, Vol. 1, No. 3,Winter 2011.
54. Keivan Ansari, Author of : " Frequently Ask Questions in ", Sanat Rang Magazine(Paint Industry Magazine), 2004-2005.

6- Teaching Records

6.1. Academic Courses (Tehran, IRAN)

| Course Name | Degree | Location | Time |
|--|-----------------------------|--|----------------------------|
| - Advanced Colorimetry | M.Sc in Polymer Engineering | Science and Research Branch, Islamic Azad University | One semester (2017) |
| - Advanced Colorimetry | M.Sc in Color Engineering | Institute for Color Science and Technology (ICST) | Five semester (2012-2017) |
| - Advanced Colorimetry | M.Sc in Color Engineering | Institute for Color Science and Technology (ICST) | Two semesters (2009,2010) |
| - Advanced Colorimetry | M.Sc in Polymer Engineering | Tehran Southern Branch , Islamic Azad University | One semester (2009) |
| - Entrepreneurship in Color Industries | M.Sc in Color Engineering | Institute for Color Science and Technology (ICST) | One semester (2010) |
| - Principle of Color Technology | B.Sc in Chemical Textile | Shahre Ray Branch, Azad University | Ten semester (2002-2006) |

6.2. Training Workshops and Seminars on Color & Coatings (Tehran, IRAN)

| Title | Subject | as | Location | Time |
|---|------------------|--|---|-------------|
| -Color Management for Printing | Seminar(1 h) | Lecturer | 21 th Printing and Packaging International Fair | Jun, 2015 |
| - Color and Light | Workshop(1 Day) | Instructor | Institute for Color Science and Technology (ICST) | Nov,2014 |
| - Image Processing Application from Particles to Remote Sensing | Seminar(1 h) | Lecturer | Institute for Color Science and Technology (ICST) | Dec, 2013 |
| - Color Physics and its Application in ophthalmology | Seminar(2 Day) | Lecturer | Razi Convention Center, Tehran, Iran | March, 2013 |
| - Color Physics for Printing Industries | Workshop(2 hour) | Lecturer | Iran Digital Printing Exhibition(IDPEX) | July, 2012 |
| - Color Management for Porcelain Printing | Seminar (8 hour) | Lecturer | Maghsoud Porcelain Inc, Mashad, Iran | May, 2012 |
| - Principles of Color Management in Printing(1&2) | Seminar (4 hour) | Lecturer | 19 th International Fair on Printing & Packaging,Iran | Dec, 2012 |
| - Principles of Color Management in Printing | Seminar (2 hour) | Lecturer | 18 th International Fair on Printing & Packaging,Iran | Sep, 2011 |
| - Application of color Measurement forIndustry (2nd) | Workshop(1 Day) | Instructor | Institute for Color Science and Technology (ICST) | Sep, 2011 |
| - Application of color Measurement for Industry (1st) | Workshop(1 Day) | Instructor | Institute for Color Science and Technology (ICST) | Feb, 2010 |
| - Practical Color Management in Printing (1st) | Workshop(1 Day) | Workshop Secretary\Instructor of (color&colorimetry in Printing) | Institute for Color Science and Technology (ICST) | Feb, 2010 |
| - Inspection Principles of color and Coating in Urban Landscape | Workshop(2 Day) | Workshop Secretary\Instructor of (Color Psychology & Harmony) | Color Technology Incubator (CTI) , Pygman Tehran Co. | Dec,2010 |
| - Getting Familiar with Principles of Color Management | Tech Class (4 h) | Lecturer | International Conferences on Quality Management of Printing (1st) | Oct, 2009 |
| - Inspection and Control of Industrial Coatings (14th) | Workshop(2 Day) | Workshop Secretary\Instructor of | Color Technology Incubator (CTI) | Nov, 2013 |
| - Inspection and Control of Industrial Coatings (13th) | Workshop(2 Day) | (Colorimetry , Safety Signs) | Color Technology Incubator (CTI) | Dec, 2012 |
| - Inspection and Control of Industrial Coatings (12th) | Workshop(2 Day) | **** | Color Technology Incubator (CTI) | July, 2012 |
| - Inspection and Control of Industrial Coatings (11th) | Workshop(2 Day) | **** | Color Technology Incubator (CTI) | March, 2012 |
| - Inspection and Control of Industrial Coatings (10th) | Workshop(2 Day) | **** | Color Technology Incubator (CTI) | Oct, 2011 |
| - Inspection and Control of Industrial Coatings (9th) | Workshop(2 Day) | **** | Color Technology Incubator (CTI) | Jun, 2011 |
| - Inspection and Control of Industrial Coatings (8th) | Workshop(2 Day) | **** | Color Technology Incubator (CTI) | Dec,2010 |
| - Inspection and Control of Industrial Coatings (7th) | Workshop(2 Day) | **** | Color Technology Incubator (CTI) | Jun, 2010 |
| - Inspection and Control of Industrial Coatings (6th) | Workshop(2 Day) | **** | Color Technology Incubator (CTI) | Mar,2009 |
| - Inspection and Control of Industrial Coatings (5th) | Workshop(2 Day) | **** | Institute for Color Science and Technology (ICST) | 2009 |
| - Inspection and Control of Industrial Coatings (4th) | Workshop(2 Day) | **** | Institute for Color Science and Technology (ICST) | 2009 |
| - Inspection and Control of IndustrialCoatings (3rd) | Workshop(2 Day) | **** | Institute for Color Science and Technology (ICST) | May,2009 |
| - Inspection and Control of IndustrialCoatings (2nd) | Workshop(2 Day) | **** | Institute for Color Science and Technology (ICST) | 2008 |
| - Inspection and Control of IndustrialCoatings (1st) | Workshop(2 Day) | **** | Institute for Color Science and Technology (ICST) | 2008 |
| - Principles of Coating Formulation Assessment(3rd) | Workshop(2 Day) | Workshop Secretary\Instructor of | Color Technology Incubator (CTI) | 2010 |
| - Principles of CoatingFormulationAssessment(2nd) | Workshop(2 Day) | (Color Matching) | Color Technology Incubator (CTI) | 2009 |
| - Principles of Coating FormulationAssessment(1st) | Workshop(2 Day) | **** | Color Technology Incubator (CTI) | 2009 |
| - Quality Control of Surface Coatings(6th) | Workshop(1 Day) | Workshop Secretary\Instructor of (Color Control) | Color Technology Incubator (CTI) | March,2012 |
| - Quality Control of Surface Coatings(5th) | Workshop(1 Day) | **** | Color Technology Incubator (CTI) | Oct,2012 |
| - Quality Control of Surface Coatings(4th) | Workshop(1 Day) | **** | Color Technology Incubator (CTI) | Oct,2011 |
| - Quality Control of Surface Coatings(3rd) | Workshop(1 Day) | **** | Color Technology Incubator (CTI) | Aug,2010 |
| - Quality Control of Surface Coatings (2nd) | Workshop(1 Day) | **** | Color Technology Incubator (CTI) | Jan,2010 |
| - Quality Control of Surface Coatings (1st) | Workshop(1 Day) | **** | Institute for Color Science and Technology (ICST) | May,2010 |

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|--|------------------|--|--|----------|
| - How We Experience the Colors | Internal Lecture | Lecturer | Institute for Color Science and Technology (ICST) | 2009 |
| - Applications of Color physics | Internal Lecture | Lecturer | Institute for Color Science and Technology (ICST) | 2009 |
| - New Application of Color Physics in Industry | Workshop(1 Day) | Instructor | Institute for Color Science and Technology (ICST) | 2009 |
| - Color and Colorimetry in Urban Landscape | Seminar(1 Day) | Lecturer | Art Faculty in Tehran University | Jan 2010 |
| - Quality Control of Textile Dyes (4th) | Workshop(2 Day) | Workshop Secretary\Instructor of - (Colorimetry in Textile) | Color Technology Incubator (CTI) | Oct 2013 |
| - Quality Control of Textile Dyes (3rd) | Workshop(2 Day) | Workshop Secretary\Instructor of - (Colorimetry in Textile) | Color Technology Incubator (CTI) | Jan 2012 |
| - Quality Control of Textile Dyes (2nd) | Workshop(2 Day) | Workshop Secretary\Instructor of - (Colorimetry in Textile) | Color Technology Incubator (CTI) | Jan 2010 |
| - Quality Control of Textile Dyes (1st) | Workshop(2 Day) | Workshop Secretary\Instructor of (Colorimetry in Textile) | Color Technology Incubator (CTI) | Sep 2009 |
| - NanoMaterial Production in Paints and Coatings | Workshop(1 Day) | - Instructor of (Color Physics in NanoMaterial Production) | Institute for Color Science and Technology (ICST) | Jan 2009 |
| - Color Experience | Seminar | Lecturer | Art Faculty in Tehran University | Dec 2008 |
| - Understanding and Expressing Color | Seminar | Lecturer | Scientific-applied higher education center for Art | Jan 2008 |
| - Nanotechnology in Paints and Coatings (Methods & Application) | Workshop(1 Day) | Instructor of (Optical Phenomena of Nanostructures) | Institute for Color Science and Technology (ICST) | Jan 2008 |
| - New Application of Color Physics in Industry | Workshop(1 Day) | Workshop Secretary\Instructor | The First Scientific Student Conference of Color Science and Technology | Mar 2008 |
| - Principles of Colorimetry | Workshop(1 Day) | Instructor | Expo 2004 Amirkabir University of Technology(Polytechnic of Tehran) | Feb 2005 |
| - Color Training for Society | Radio Programs | | Salamat Radio, Javan Radio,..... | 2005 |

6.3. Further Educational Workshops and Seminars (Tehran, IRAN)

| Title | Subject | as | Location | Time |
|---|------------------|----------------------------------|---|-----------|
| - Practical Genius for Human Resource | Workshop(1h.) | Lecturer | 5 th International Conference of Training & Human Capital Development | Feb 2017 |
| - A Genius Approach for Organization Productivity | Workshop(3h.) | Lecturer | Administrative & Recruitment Organization | Nov. 2017 |
| - Genius in Paint Producing & sales | Workshop(6h.) | Lecturer | GoharFam Company | Sep 2017 |
| - A Genius Idea | Workshop(3h.) | Lecturer | National Iranian Productivity Organization | Sep 2017 |
| - Creativity and TRIZ for solving problems | Workshop (12 h.) | Lecturer | Informatics Department of Ayandeh Bank | Jun 2015 |
| - Practical Ingenuity for Bank Managers | Workshop (4 h.) | Lecturer | Ayandeh Bank | Jun 2014 |
| - Mechanism of Brilliant Idea Generation | Workshop (4 h.) | Lecturer | Afagh University (Oromiye City) | Jun 2013 |
| - the use of Practical Ingenuity for crossing from Economical Crisis in the coating industry | Workshop(1h.) | Lecturer | International Fair of color, paint and coating(12th.) | Dec 2012 |
| - Practical Ingenuity for Entrance into the World of Nano | Workshop(1h.) | Lecturer | International Fair of Nanotechnology(5th.) | Oct 2012 |
| - Creativity & Idea Sources at Nano Technology | Workshop (4 h.) | Lecturer | Color Technology Incubator (CTI) | Jun 2012 |
| - Genius Eyeglasses Maker | Seminar | Instructor | Optics and Spectacles Festival | May 2011 |
| - Practical Genius for Spectacle Makers | Workshop | Instructor (6 Terms) | Union's Training Center in Tehran Glasses Manufacturers | 2009-2011 |
| - Entrepreneurship in Paint and Coating Industry | Workshop(50 h.) | Workshop Secretary\Instructor | Institute for Color Science and Technology (ICST) | Feb 2011 |
| - Genius and Creativity | Workshop | Instructor | Art College of Tehran University | Jan 2008 |
| - How We Create 1 Million Idea per Minute for Food Industry | Workshop | Instructor | International Fair of Nutrition - rasht | Feb 2009 |
| - Creativity and its Methods | 72 h. Courses | Instructor | Tehran University Entrepreneurship School | May 2008 |
| - New Thinking Methods in the Third Millennium | Seminar | Lecturer | Yadegar Emam Branch , Azad University | 2004 |

7- Advisory Records:

| as | Level | Title | Student Name | Time |
|---------------------------------|---|---|---------------------|------|
| 7.1. Ph.D Project | | | | |
| Second Supervisor | Polymer Engineering- Printing (Institute for Color Science and Technology) | Improving the performance of kubelka-munk equation in color recipe prediction of printing systems | Mahzyar Gorji | 2018 |
| 7.2. M.Sc Project | | | | |
| Assistant Supervisor | Polymer Engineering- Color Technology (Amirkabir University) | Optimizing the Prediction of Reflectance of Ink Mixtures by the Aid of Artificial Intelligence | Farinaz Kahnmaouie | 2011 |
| Main Supervisor | Color Engineering (Institute for Color Science and Technology) | Assessing Customary Methods for Converting Additive to Subtractive Mixing in Digital Printing | Mahrzyar Gorji | 2011 |
| Supervisor | Polymer Engineering , Color Technology Research (Tehran Southern Branch , Islamic Azad University) | Color Natural Databases | Mohamad Valizadeh | 2011 |
| Supervisor | Polymer Engineering , Color Technology Research (Tehran Southern Branch , Islamic Azad University) | Investigation on the Noise Reduction of Acoustic Coatings | Farshad Sabrdost | 2011 |
| Assistant Supervisor | Textile Chemistry (Gilan University) | Gonio-Spectral Reflectance Measurement by Digital Camera | Mashid Montazeri | 2010 |
| Advisor | Repair Archaeological Remains (Esfhan Art University) | Color Changing the Historical Painting of Facades at the Exterior Conditions | Peyman Paryav | 2011 |
| Advisor | Polymer Engineering , Color Technology Research (Tehran Southern Branch , Islamic Azad University) | Quality Control of Honey Bee Using Color Measurement | Maryam Zanganeh | 2011 |
| 7.3. B.Sc Project | | | | |
| Second Supervisor | Polymer Engineering- Color Technology (Amirkabir University) | A survey on Skin Color of Iranian and Pantone Human Skin Color Guide in CIEL* a* b* color space using FCM Clustering | Farahnaz Iranmanesh | 2018 |
| Second Supervisor | Polymer Engineering- Color Technology (Amirkabir University) | Transforming Color Space between Images Using Decomposition Theory and Principal Component Analysis | Nader Chavoshi | 2011 |
| Second Supervisor | Polymer Engineering- Color Technology (Amirkabir University) | Evaluating metallic flake orientation | Hydarian- Naseh | 2010 |
| Supervisor | Textile Chemistry (Yadegar Emam Branch , Islamic Azad University) | Investigating the Characteristics of Wetting Agents on Polyester | Mahdi Farokhi | 2005 |
| Supervisor | Textile Chemistry (Yadegar Emam Branch , Islamic Azad University) | Color Mixing In Textile | - | 2005 |
| 7.4. M.Sc Seminar Course | | | | |
| Supervisor | Institute for Color Science and Technology (ICST) | Halftone Process (Printing) | Mahrzyar Gorji | 2010 |
| Supervisor | Tehran Southern Branch , Azad University | Reflectance Spectral Databases | Mohamad Vali Zadeh | 2010 |
| Supervisor | Tehran Southern Branch , Azad University | Acoustic Absorbances | Farshad Sabrdost | 2010 |
| Supervisor | Tehran Southern Branch , Azad University | Retrorreflectance Properties in Traffic Paints | Masoumeh Rashidi | 2010 |
| 7.5 Apprenticeship | | | | |
| Supervisor | B.Sc student in Color Science (Amirkabir University, Polytechnic of Tehran) | Data Base Preparation of a Group of Iranian Color Skins | Narges Hasani | 2012 |
| Supervisor | B.Sc student in Textile Chemistry (Tehran Southern Branch , Islamic Azad University) | Characteristics of Light Source (Made in Iran) | Talat Taghavi | 2011 |

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|------------|---|---|---------------------|------|
| Supervisor | B.Sc student in Textile Chemistry (Amirkabir University, Polytechnic of Tehran) | Dyeing of Flowers | Maryam Mirafshar | 2010 |
| Supervisor | B.Sc student in Polymer (Science and Research Branch, Islamic Azad University) | Dyeing of ABS | Masoumeh Kaviani | 2010 |
| Supervisor | B.Sc student in Chemical Engineering (Tehran Northern Branch, Islamic Azad University) | Providing Educational Materials for Colorimetry | Nina Mohaghegh | 2009 |
| Supervisor | B.Sc student in Color Science (Amirkabir University, Polytechnic of Tehran) | Color Management | Nilofar Kazem Argi | 2009 |
| Supervisor | Associates Degree in color (Mehrkam Pars College) | Providing Instruction for Building Painting | M.hossein Sedghi | 2008 |
| Supervisor | Associates Degree in color (Mehrkam Pars College) | Designing Web site for Color Physics Department | Seyed Sepehr Moieni | 2008 |
| Supervisor | Associates Degree in color (Mehrkam Pars College) | Providing Database for State Color and Paint Industry | Faraz Gerist | 2008 |

8- Reviewer Records:

- 3 M.Sc Thesis for Printing and Color Physics departments of Institute for Color Science and Technology (ICST) (in Persian), Iran.
- 8 M.Sc Thesis for Textile department of Amirkabir University (polytechnic of Tehran), Iran.
- 1 M.Sc Thesis for Polymer & Color department of Amirkabir University (polytechnic of Tehran), Iran.
- 1 Scientific Article for Sensor Review.
- 2 Scientific Articles for Coloration Technology.
- 6 Scientific Articles for Journal of Color Science and Technology(in Persian), Iran.
- 1 Scientific Articles for Iranian Research & Development center for Chemical Industries (IRDCI) (in Persian), Iran.
- 5 Scientific Articles for Journal of Color Science and Technology(JCST), (in Persian).
- 11 Scientific Articles for Journal of Studies in Color World(JSCW),(in Persian).
- 6 Scientific Articles for 7th International Color & Coating Congress (ICCC 2017) and 3 for ICCO 2011
- 2 Scientific Articles for Carpet International Conference(in Persian), Iran, 2009.
- 111 Scientific Articles for the first Scientific Student Conference of Color Science and Technology(in Persian), Tehran, Iran, 2008.
- 3 Scientific Invention for Institute for Color Science and Technology (ICST) (in Persian), Iran.
- 1 research proposal for Iran National Science Foundation(INSF) (in Persian), Iran.

9- Books

- Keivan Ansari, "Color Management in Monitors", Publisher naghsh bayan, (in Persian), 2013.
- Reviewer and Co-Writer of Third Section of the book intitled: Scientific Visiting with Color " Fundamentals of Modern Remote Sensing", Tehran University Publisher, (in Persian), 2009.
- Keivan Ansari, "the First Scientific Student Conference of Color Science and Technology", (in Persian), 2008.

10- Patents

- Keivan Ansari, Erfan Bahrami, Masud Honarvar, "Appearance properties evaluating system for sugar", Iranian patent No. 99717,Date of registration: Nov. 16, 2019.
- Ehsan Amini, Arash Azizi, Keivan Ansari, "Tongue alignment for color photography", Iranian patent No. 86110,Date of registration: Jul. 4, 2015
- Maryam Madani, Manuchehr khorasani,Keivan Ansari, Habib Alizadeh,"Cracked Multicolor Paint", Iranian patent No.81335,Date of registration: Dec. 7, 2013
- Keivan Ansari, 'evaluating stone chip (chipping) resistant test using scanner", Iranian patent No.73068 ,Date of registration: Dec. 25, 2011
- Keivan Ansari, 'evaluating adhesion resistant test(Cross Cut) using scanner", Iranian patent No. 73069 ,Date of registration: Dec. 25, 2011

11- Scientific Research Records

| Title | Subject | As | Employer | Time |
|-----------------------------|---|-----------|----------|------|
| Industrial Research Project | Color transferring of an art image into a target image using PCA | Executive | ICST | 2018 |
| PostDoc Researcher | | PostDoc | LE2I | 2016 |
| Domestic Research Project | A new mathematical technique for colorimetric characterization of a scanner | Executive | ICST | 2011 |
| Domestic Research Project | Color Scene Transform between two images using histogram matching | Co-Worker | ICST | 2011 |
| Domestic Research Project | measurement of surface coating adhesion in cross cut & Chipping Resistance tests with the aid of image processing technique | Executive | ICST | 2011 |
| Domestic Research Project | Reconstruction of Metameric Black from Color Tristimulus Values using Spectral Decomposition Theory and Neural Network | Executive | ICST | 2010 |
| Domestic Research Project | Strategic study of the production of a display | Executive | ICST | 2009 |
| Industrial Research Project | Selection of Metallic Color Shade for Aluminum Composite Coated with PVDF | Executive | ICST | 2012 |
| Industrial Research Project | Calibration and Characterization a Spectrophotometer | Executive | ICST | 2012 |
| Industrial Research Project | Determination of technical data of a white thermoplastic road marking sample and a glass bead sample | Executive | ICST | 2012 |
| Industrial Research Project | Characterization of Two Kind of Noise and Vibration Redactor Coatings (for Parasto Kaman Co.) | Executive | ICST | 2011 |
| Industrial Research Project | Know How of Architectural Water Base Paints and Air Dried Alkyd Paints (for Shimi Gharb Asia Co.) | Executive | ICST | 2011 |
| Industrial Research Project | Dyeing and Characterization of 33 Dyestuffs for Knitting Textiles(for Rangiran Co.) | Executive | ICST | 2010 |
| Industrial Research Project | Problem Solving of Unwelcome Gas output in Tube | Executive | ICST | 2010 |

12- Know-how Provision

- A New Temporary Elastic Paint (Anti Dust for Transportation of Vehicles and Goods, Temporary Signs and Marking, Color Changing of Cars, Kids Painting on the Wall,), 2011.
- Clay foam with Elasticity (Insulator for Buildings, Camouflage, Vertical Gardens...),2011.
- New Anti Flash Rust Inhibitor for Wet Blast Systems,2003.
- Solvent Systems for Removing of Pad or Tampo Printing Inks from Propylene,2000.
- Software Providing for Change Lab to (Munsell, RAL, NCS,), 2008.
- Color Management (A Collection of Digital Books & Software), 2008.
- Software of Paint and Coating Formulation, 2011.

13- Executive Affairs Records

| Subject | As | Location | Time |
|---|------------------------------------|---|-----------|
| - 2 nd International Color Matching Competition(ICMC 2014) | Membership in Scientific Committee | Amirkabir University(Polytechnic of Tehran) | Oct, 2014 |
| - Formulation Management of multicolor | Secretary General of Workshop | Color Technology Incubator (CTI) | May. 2012 |
| - Applying of Decorative & Hoax Paints(3rd.) | Secretary General of Workshop | Naghsh & Negar | July,2013 |
| - Applying of Decorative & Hoax Paints(2nd.) | Secretary General of Workshop | Color Technology Incubator (CTI) | Jun,2013 |
| - Applying of Decorative & Hoax Paints(1st.) | Secretary General of Workshop | Color Technology Incubator (CTI) | May,2013 |

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|--|------------------------------------|--|------------|
| - Principle of Industrial Resins Technology | Secretary General of Workshop | Color Technology Incubator (CTI) | June, 2012 |
| - Additives for Paints & Coatings(3rd.) | Secretary General of Workshop | Color Technology Incubator (CTI) | Mar,2012 |
| - Additives for Paints & Coatings(2nd.) | Secretary General of Workshop | Color Technology Incubator (CTI) | Oct, 2012 |
| - Additives for Paints & Coatings(1st.) | Secretary General of Workshop | Color Technology Incubator (CTI) | Oct, 2011 |
| - Assessment and Monitoring of Air Dried Alkyd Paints(1st) | Secretary General of Workshop | Color Technology Incubator (CTI) | Sep, 2011 |
| - 3 th International Color and Coatings Congress(ICCC2009) | Membership in Scientific Committee | Institute for Color Science and Technology (ICST) | Nov,2009 |
| - 2 nd International Conference on Automotive Paints & Coatings | Membership in Scientific Committee | Institute for Color Science and Technology (ICST) | Nov,2009 |
| - Display Board in ICST | Membership in Scientific Committee | Institute for Color Science and Technology (ICST) | 2009 |
| - Color Imaging Booth | Manager | National Digital Media Fair (Mosalah, Tehran) | Feb, 2008 |
| - ICST Booth | Executive Manager | Nanotechnology (Hejab Saloon, Tehran) | 2008 |
| - ICST Booth | Executive Manager | Nanotechnology (Tarbiat Modares University, Tehran) | 2009 |
| - ICST Booth | Executive Manager | International Color Fair | Feb, 2009 |
| - Application of Color Physics in Industry(Workshop) | Membership in Scientific Committee | Institute for Color Science and Technology (ICST) | Feb, 2009 |
| - PVC Coatings for Automotives(Workshop) | Secretary General of Workshop | First Student Conference of Color science and Technology | Mar, 2008 |
| - Nano Pigments (synthesis, Properties, Applications) | Secretary General of Workshop | First Student Conference of Color science and Technology | Mar, 2008 |
| - Dyeing of Protein Fibers using Natural Dyestuffs | Secretary General of Workshop | First Student Conference of Color science and Technology | Mar, 2008 |
| - First Student Conference of Color science and Technology | Secretary General of Conference | Institute for Color Science and Technology (ICST) | 2008 |
| - A Competition for essay Writing and Preferable Theses | Scientific Committee | First Student Conference of Color science and Technology | 2008 |
| - Choosing Superior Innovation in State Paint Industry | Executive Manager | First Student Conference of Color science and Technology | 2008 |
| - National Standard Codification of Spectrophotometry | Membership in Scientific Committee | National Committee(237) | 2008 |

Membership

- A permanent Member of Iranian Society of Machine Vision and Image Processing(ISMVIP) , 2011-now.
- A permanent Member of Iranian Pattern Recognition, 2011-now.
- A permanent Member of Iranian Scientific Society of Color, 2005-now.
- A member of Alumnus Society of AmirKabir University, 2005-now.
- Former Examiner of Polymer & Color of Alumnus Society of AmirKabir University, 2005-2006.

14- Professional Training Courses

| Subject | | Location | Time |
|--|---------------------------|--|-------------|
| - Latex Software | Training Course (16 hrs.) | Institute for Color Science and Technology (ICST) | June 2014 |
| - Professional ethics | Training Course (16 hrs.) | Institute for Color Science and Technology (ICST) | Dec. 2013 |
| - Design Thinking | Workshop (24 hrs.) | Sharif University(Entrepreneurship Incubator), Mona Taheri | Feb. 2013 |
| - Creativity & Innovation | Training Course (8 hrs.) | Sharif University(Entrepreneurship Incubator), Dr Fayzbakhsh | Feb. 2012 |
| - Principle of negotiation | Training Course (8 hrs.) | Sharif University(Entrepreneurship Incubator), Dr Hydari | Dec , 2012 |
| - Advanced TRIZ | Workshop (16 hrs.) | Sharif University(Entrepreneurship Incubator) | Sep, 2012 |
| - Meta mathematics | Training Course (36 hrs.) | Tehran, Dr Naseri | Nov. 2012 |
| - Advanced Fuzzy Logics in Matlab | Workshop (16 hrs.) | Matlab Site | Aug, 2012 |
| - MBA for Food Industries | Seminar(3 hrs.) | Mahan Business School | July, 2012 |
| - TRIZ | Seminar(2 Day) | Conference on Problems Solving Strategies and Tecniques | Mar. 2012 |
| - Design of Experiments 6-Sigma Methodology | Training Course (2 hrs.) | Conference on Problems Solving Strategies and Tecniques | Mar. 2012 |
| - Scientific Writing Methods | Training Course (4 hrs.) | Institute for Color Science and Technology (ICST) | Sep. 2011 |
| - Chinese Principles of Business | Training Course (6 hrs.) | Alvares Institute of Management | May. 2011 |
| - Technical TRIZ Level I | Workshop (40 hrs.) | Iranian Institute of Innovation & Technological Studies(IITS) | Autumn 2011 |
| - Entrepreneurial Training of Trainers | Workshop (120 hrs.) | Faculty of Entrepreneurship University of Tehran | 2008-2009 |
| - Color Management(from Creativity to Printing) | Workshop (1 Day) | Padid Pardazesh Payedar, Konka Minolta Graphic Dep. | Jun. 2008 |
| - Official Correspondence | Training Course (36 hrs.) | Merchandise Inspection & Supervision Organization | Des. 2005 |
| - Scientific Essay Writing in English | Training Course (16 hrs.) | Tehran Southern Branch , Islamic Azad University(Tanning Center) | Sep. 2004 |
| - Color Physics | Workshop (2 Days) | Institute for Color Science and Technology (ICST) | Jul. 2004 |
| - Surface Coating | Workshop (2 Days) | Polymer Institute | Nov. 2001 |
| - Organizational Decision-Making | Workshop (5 Days) | Crarlton University, Qeshm Free Zone | 1998 |
| - ISO 9001 Quality Control | Workshop (3 Days) | Shola Company | 1997 |
| - Apply Paint & Coating Engineering | Training Course (60 hrs.) | Ministry of Industries Institute for Training | Sep. 1992 |
| - Some Accomplished Courses : Windos, Mac OS, Matlab, Word, Excel, Power point,..... | | | |