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Education

1. B.S. : Metallurgy and Materials Engineering, Sharif University of Technology, Iran, 1980
2. M.Sc. : Corrosion and Protection of Materials, University of Manchester, England, 1986
3. Ph.D. : Corrosion and Protection of Materials, University of Manchester, England, 1990

Teaching Experience

1. Advanced Corrosion, M.Sc.
2. Advanced Corrosion Lab, M.Sc.
3. Oxidation and High Temperature Corrosion, M.Sc.
4. Cathodic and Anodic Protection, M.Sc.
5. Corrosion in Industrial Plants, M.Sc.
6. Corrosion in Natural Environments, M.Sc.
7. Corrosion Protection Lab, M.Sc.
8. Special Topics in Corrosion Science, M.Sc.
9. Microbiologically Influenced Corrosion, Ph.D.
10. Corrosion Management, M.Sc.

Books

1. T. Shahrabi, F. Ronasi, Hard Chromium Plating, Jihad Publication of Sharif University of Technology, Iran.

International Published Papers

1. R.C. Newman, T. Shahrabi, "The effect of alloyed nitrogen or dissolved nitrate ions on the anodic behavior of austenitic stainless steel in hydrochloric acid", Corrosion Science, Vol.27, No.8, 1987, pp 827-838.

2. R.C. Newman, T. Shahrabi, "Direct electrochemical measurement of dezincification including the effect of alloyed arsenic", Corrosion Science, Vol.28, No.9, 1988, pp 873-886.

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7. T. Shahrabi, R.C. Newman, K. Sieradzki, "Stress corrosion cracking of alpha-brass without Cu oxidation", Journal of the Electrochemical Society, Vol.140, No.2, 1993, pp 348-354.

8. M.G. Hosseini, M.R. Arshadi, T. Shahrabi, M. Ghorbani, "Synergistic influence of benzoate ions on inhibition of corrosion of mild steel in 0.5 M sulphuric acid by benzotriazole", International Journal of Engineering, Vol.16, No.3, 2003, pp 255-264.

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13. M. Ehteshamzadeh, T. Shahrabi, M.G. Hosseini, "Inhibition of copper corrosion by self – assembled films of new schiff bases and their modification with alkanethiol in aqueous medium", Applied Surface Science, Vol.252, 2006, pp 2949-2959.

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5- R.Shoja razavi , T.Shahrabi , R. Mozafarinia , 'Corrosion of chromate conversion coatings on aluminum alloys in electrical and electronic equipment', Modares Technical and Engineering, Vol. 7, pp. 95-105

6- M.G. Hosseini, T. Shahrabi, R.J. Nichols 2006, 'Characterization of mercaptobenzimidazole adsorption on an Au (111) electrode', Iranian Journal of science & Technology, Transaction A, Vol. 1A, No. 29, pp. 49-62

7- A.Salehi , A.Zaghar , T.Shahrabi , 'The effect of substrate surface roughness on the tribilogical behaviour of hard chromium coating', International Journal of Engineerig Sciences, Vol. 3, No. 17, pp. 111-121

8- H.Moharami , T.Shahrabi , H. Shourabi 2007, 'Optimization of cathodic protection on offshore structures', Esteghlal, Vol. 1, No.26, pp. 49-63

9- T.Shahrabi , V.Baiegi , S.A.Lajevardi 2008, ' Prediction of Time to Failure in SCC of 304 stainless steel in aqueous chloride solution by Neural Network', Esteghlal, Vol.1, No.27, pp. 135-141

10- H.R.Jafarian , E.Saebnoori , A.R.Sabour , T.Shahrabi , M.Nili ahmadabadi , 'Electrochemical corrosion of oxidised Gamma titanium aluminide in Ringer s solution', Iranian journal of pharmaceutical sciences, Vol. 5, No.1, pp. 45-48, 2009.

Refereed National Conference Proceedings

1- A.Lajevardi, T.Shahrabi, 'Morphological properties of Ni -Tio2 composite coatings produced by direct current electroplating', The 10th national seminar on surface engineering, Iran -Isfehan , pp.

2- H.Hasannejad, F.Malekmohammadi, A.Shanaghi, T.Shahrabi, 'Investigation on the effect of doping of cerium on microstructure and pitting corrosion behaviour of silica-Titania with amorph

structure ptoduced by sol-gel method', The 10th national seminar of surface engineering , Iran-Isfehan , pp.

3- S. Mirzamohammadi, A. Sabour , T. Shahrabi , M. Alioffkhazraei , 'The effect of Nickel on microstructure and protection properties of Nickel-aluminide coatings produced on TiAl alloy', The 10th national seminar of surface engineering, Iran-Isfehan , pp.

4- K.Jafarzadeh -T.Shahrabi 1389, 'Measurement of optimum cathodic protection potential of aluminium- magnesum AA5083-H321in 3.5% NaCl solution under flowing condition by electrochemical impedance spectroscopy', The 11th national corrosion congress, Iran -Kerman , pp.

5- A.Shanaghi, A.Sabour Rouhaghdam, T.Shahrabi, M.Alioffkhazraie 2007, 'Corrosion protection of mild steel with applied a TiO2 nano particle coating by aol-gel method', Iranian corrosion , Iranian corrosion Institute, Iran , pp.

6- K. Jaferzadeh, T. Shahrabi, M.G. Hossain 2007, 'A study on the effect of cathodic polarization in the pitting corrosion of AA5083-H321 Aluminium-magnesium alloy in 3.5% NaCl solution', Iranian corrosion, Iranian corrosion Institute, Iran, pp.

7- M. Salasi , T. Shahrabi , E. Roayaei 2007, 'Influence of hydrodynamic condition on co inhibitive behaviour of sodium silicate and HEDP for corrosion control of carbon steel pipes', Iranian corrosion , Iranian corrosion Institute, Iran , pp.

8- M.Alioffkhazraei, A. Sabour Rouhaghdam, T.Shahrabi, S.H.Hedayat mofidi 2007, 'Corrosion , erosion and erosion-corrosion performance of plasma electrolytic nitrocarburising (PEN/C) on AISI4140 steel', Iranian corrosion , Iranian corrosion Institute, Iran , pp.

9- T. Shahrabi, 1988, 'Dezincification of alpha-brasses in cuprous chloride solution', presented to "28th corrosion symposium", pp.

10- T. Shahrabi 1994, 'Effects of design parameters on corrosion of metals and alloys', 1st seminar on industrial and automotive radiators, pp.

11- T. Shahrabi, 1995, 'Effect of residual materials from production processes on corrosion of engineering parts', 2nd seminar on industrial and automotive radiators, pp.

12- M. Ehterami, T. shahrabi 1997, 'Corrosion of automotive radiators (Copper-brass type) in chloride and bromide based flux', the 5th national Iranian corrosion congress, sharif university of technology, pp.

13- A. Vali, T. shahrabi 1997, 'Corrosion of lead-tin soldering alloys in chloride based flux, ', the 5th national Iranian corrosion congress, sharif university of technology, pp.

14- K. Karimpour, F. Malek, T. Shahrabi 1997, 'Galvanic Corrosion studies in welded structural steels', the 5th national Iranian corrosion congress, sharif university of technology, pp.

15- M. Soltan Bayazidi, A. Sabour, T. Shahrabi 1998, 'Effect of nitride coating on tribological properties of stainless steels', 2nd metallurgical congress, sharif university of technology, pp.

16- S. Ahangarani, T. Shahrabi 1999, 'Corrosion of condenser tubes at steam power plants', the 6th national Iranian corrosion congress, Amirkabir university, pp.

17- M. Soltan bayazidi, A. Sabour, T. Shahrabi 1999, 'Nitrocarburizing of ferritic stainless steel', the 6th national Iranian corrosion congress, Amirkabir university, pp.

18- F. Alavi, T.Shahrabi 1999, 'Performance of Magnesium anodes', the 6th national Iranian corrosion congress, Amirkabir university, pp.

19- M. Rezaei, T. Shahrabi, S. Alahkaram 2000, 'Corrosion behaviour of 55% Al-Zn coating in marine atmosphere, ', 15th international congress on power system, Tehran power research centre, pp.

20- H. Hosaini, T. Shahrabi 2002, 'Effect of important parameters on stress corrosion cracking of Titanium weldments', the 7 th national Iranian corrosion congress, Ahwaz, pp.

21- B. Ahmadi, R. Saraff, T. Shahrabi, A. Ziazadeh 2003, ' Corrosion and physical durability of coloured concrete', 1 st Iranian Rock mechanics conference, Tarbiat Modares university, pp.

22- M. Ehteshamzadeh, T. shahrabi, M. G. Hosseini 2006, 'Corrosion inhibition mechanism of Schiff bases self-assembled monolayers on copper in chloride containing solutions', Natianal corrosion congress, Isfahan, pp.

23- M. Ehteshamzadeh, T. Shahrabi, M.G. Hosseini 2006, 'Efficiency modification of SAMS Schiff base inhibition on copper at sulphuric acid media with alkanethioles', 9th National corrosion congress, Isfahan, pp.

24- M.G. Hosseini, M. Sabouri, T. Shahrabi 2006, 'Corrosion protection of mild steel by using polypyrrole and polypyrrole – based composite coatings', 9th National corrosion congress, Isfahan, pp.

25- M.G. Hosseini, H. Tavakoli, T. Shahrabi 2006, 'Investigation of inhibition effect of 2-mercaptobenzothiazole on copper corrosion and synergism effect by surfactants', 9th National corrosion congress, Isfahan, pp.

26- M.G. Hosseini, M.R. Arshadi, T. Shahrabi, R.J. Nichols 2004, 'Spectro – electrochemistry study of the adsorption of carboxylic acids on Au(III), ', 5th Biennial Seminar of Electrochemistry of Iran, Kerman, pp.

27- M. Ehteshamzadeh, T. shahrabi, M.G. Hosseini 2004, 'Study on the improvement of inhibition properties of alkanethiols on copper by new series of Schiff bases in chloride medium', 5th Biennial seminar of Electrochemistry of Iran, Kerman, pp.

28- M.G. Hosseini, T. Shahrabi, M.R. Arshadi 2004, 'The inhibition action of amino acids on corrosion of mild steel in sulphuric acid', 5th Biennial seminar of Electrochemistry of Iran, Kerman, pp.

29- M. Sabouri, T. Shahrabi, M.G. Hosseini 2005, 'Using conductive polymers as corrosion – inhibiting coatings, ', 13th Iran's seminar of analytical chemistry, Mashhad, Iran, pp.

30- M. Zamanzadeh, T. Shahrabi, A. Yazdian 2006, 'Effect of different parameters on characterization of Calcareous deposits by pulse current technique', 7th national congress on surface engineering, Isfahan, pp.

31- H. Hasannejad, T. Shahrabi, A.R. Sabour, M. Sobhani A. Shnaghi 1388, 'Effect of heat treatment temperature and surface prepration on microstructure and electrochemical properties of cerium oxide nano coating applied on aluminm alloy by sol-gel technique', The 9th seminar on surface engineering and heat treatment, Iran -Tehran, pp.

32- S. Ahangarani, A.R. Sabour, T. Shahrabi, F.Mahbobi 1388, 'Effect of different parameters of plasma nitridingon corrosion resistance of low alloy steel byconventional and active screen methods', The 9th seminar on surface engineering and heat treatment, Iran -Tehran , pp.

33- H.R. Jafarian, A.R.Sabour, T.Shahrabi, S.Mirzamohamadi 1388, 'Effect of temperature oe temperature of applying coating on micostructure of aluminide coating on aluminum - magnesium alloy', The 9th seminar on surface engineering and heat treatment, Iran -Tehran , pp.

34- H. Hasannejad, T.Shahrabi, A.R.Sabour, A.Shanaghi, M.Alioffkhazraee, 1387, 'Investigation of microstructure and electrochemical properties of conversion coatings of nanomcerium oxide on aluminium alloys', 11th annual conference of iranian metallurgicl society, Iran , pp.

35- H.R.Jafarian , A.R.Sabour , T.Shahrabi , S.Ghaemi 1387, 'Effect of nickel coating on micostructure of aluminide coating formed on superalloy', 11th of annual conference of iranian metallurgical engineers society, Iran-Isfehan , pp.

36- A.Shanaghi , A.R.Sabour , T.Shahrabi , H.Hasannejad 1387, 'Application of nano titanium oxide coating on mild steel by sol-gel for improving the corrosion behaviour of steelsin 3/5% NaCl solution', 11th annual conference of metallurgical engineers society, Iran -Isfehan , pp.

37- S.H. Hedaiat Mofidi, M.Alioffkhazraei, A.R.Sabour , T.Shahrabi 1387, 'Effect of hard chromium plating and pulsed plasma nitro carburising on tribiological behaviour of mild steel', 11th annual conference of iranian metallurgical engineers society , Iran-Isfehan , pp.

38- K. Jafarzadeh, T. Shahrabi, M. Hadavi, M.G. Hossaini 1387, 'Effect of cathodic polarisation on pitting corrosion behaviour of aluminium -magnesium alloy in sodium chlorid solution under flowing condition', Under sea technology, Iran -Tehran, pp.

39- H.Hasnnejad, T. Shahrabi, 1388, 'Microstructure of titanium oxide nano coating applied on mild steel by sol-gel method', The first pipelin conference, Iran -Tehran , pp.

40- A. Shanaghi, A.R. Sabour , T. Shahrabi 1388, 'Corrosion behaviour and nanostructure of nano coating of titanium oxide used as gas sensor', The first pipeline conference, Iran -Tehran, pp.

41- E.Saebnouri , T.Shahrabi, S.Sanjabi 1388, 'Extreemly high pitting resistance of NiTi shape memory alloy thin film in simulated body flluids', Iran s first international conference on biomaterials, Iran -Tehran , pp.

42- E. Saebnouri, H.R. Jafarian, A.R. Sabour, T. Shahrabi, M. Nili 1388, 'Electrochemical corrosion of oxidized gamma titanium aluminium in ringer s solution', Iran s first conference on biomaterials, Iran -Tehran, pp.

43- K.Jafarzadeh , T.Shahrabi , M .Hadavi , M. G. Hossaini 1387, 'Effect of oxigen and chlorid ion in cathodic polarisation of aluminium -magnesium alloy in sodium chloride solution', The 8th seminar on surface engineering and heat treatment, Iran -Kerman , pp.

44- M.Salasi , T.Shahrabi , E.Roayaie , 'Behaviour and mechanism of frindly environment inhibitors in soft water distribution mild steel pipes', 10th congress of iranian metallurgical engineers, Iranian metallurgical engineers institute, Iran , pp.

45- M. Zamanzadeh, T. Shahrabi , A.Yazdian , M.Alioff khazraie , 'Optimization of conditions for fotmation of calcareous deposits on cathodically protected mild steel in seawater with Taguchi method', 10th congress of iranian metallurgical engineers, Iranian metallurgical engineers institute, Iran , pp.

46- M. Zamanzadeh, T. Shahrabi, A. Yazdian, M. Alioffkhazraei, 'Effect of frequenci of pulse potential application on morphology and kinetiecs of calcareous deposits on cathodically protected mild steel in seawater', 10th congress of iranian metallurgical engineers, Iranian metallurgical engineers institute, Iran, pp.

47- K. Jaferzadeh, T. Shahrabi, S.M. Hadavi, M.G. Hossaini , 'Investigation of the role of chloride ion and oxigen in electrochemical corrosion of aluminuim-magnesium in flowing sodium chloride solution', 10th congress of iranian metallurgical engineers, Iranian metallurgical engineers institute, Iran , pp.

Memberships in Societies

1- Member of executive and scientific committees of the second national corrosion congress - Tehran Faculty of Engineering, 01/01/1992 -

2- Organizer and head of executive and scientific committee of the first conference on industrial and automotive radiators-heavy industries ministry, 01/01/1994 -

3- Organizer and head of executive and scientific committee of the second conference on industrial and automotive radiators - heavy industries ministry, 01/01/1995 -

4- Member of executive and scientific committees of the 5th national Corrosion congress - sharif university of technology, 01/01/1998 -

5- Member of executive and scientific committees of the 6th national corrosion congress - Amirkabir University, 01/01/2000 -

6- Workshop on "cathodic protection of buried pipelines" in the 6th national corrosion congress - Amirkabir university, 01/01/2000 -

7- Member of executive and scientific committees of the 7th national corrosion congress - Ahwas petroleum university, 01/01/2002 -

8- Workshop on "Cathodic Protection Principles" in the 7th national corrosion congress - Ahwas Petroleum University, 01/01/2002 -

9- Workshop on "Cathodic Protection Principles" in the 7th national corrosion congress - Ahwas Petroleum University, 01/01/2002 -

10- Workshop on "Principles of Corrosion and Cathodic Protection" -Mahshahr, 01/01/2003 -

11- Member of executive and Scientific Committees of the 8th national corrosion Congress-Tehran, 01/01/2004 -

12- Workshop on "design of cathodic protection systems" in the 8th national corrosion congress -Tehran, 01/01/2004 -

13- Member of Scientific Committee of the 9th national corrosion Congress, Isfahan, 01/01/2006 -

M.Sc. Thesis Supervised

1- M. Ehterami, 'Corrosion of automotive radiators (copper-brass type), ', Guidance

2- S. Ahangarani, 'Corrosion of Condenser tubes at steam power plants', Guidance

3- A. Vali, 'Corrosion of Tin-Lead alloys in chloride fluxes', Guidance

4- M. Ghadrjani, 'New method for evaluation of scale inhibitors in aqueous environments', Guidance

5- A. Tabesh, 'Corrosion of naphta reboiler of natural gas liquidification factory, ', Guidance

6- A. Salehi, 'Corrosion failure and scaling of evaporator tubes in isfahan sugar factory', Guidance

7- M. Bidarbakht, 'Investigation of oil ash corrosion in boilers', Guidance

8- H. ocatisadegh, 'Determination of a proper corrosion inhibitor for cooling water system of khorasan petrochemical complex', Guidance

9- F. Alavi, 'Performance of Magensium sacrificial anodes', Guidance

10- k. Jafarzadeh, 'Sulphidation behaviour of hard chromium platings on steel', Guidance

11- M. Rezaei, 'An investigation of the corrosion behaviour of (55%Al-Zn) alloy coating on composite insulator's end-fitting', Guidance

12- S. Alizadeh, 'Suitable inhibitors used for acid pickling of steel in sulphuric acid', Guidance

13- H. Hosseini, 'Investigation of SCC of welded Ti-6Al-4V alloy in aqueous chloride environment', Guidance

14- R. Shoja Razavi, 'Corrosion evaluation of chemical conversion coatings on aluminum alloys in avionics equipment', Guidance

15- A. Ziazadeh, 'The effect of chloride on the corrosion behaviour of coloured concrete containing ceramic pigments', Guidance

16- B. Taki, ' Effect of Ti and Cd on the electrochemical Performance of aluminum sacrificial anodes', Guidance

17- M. J. Taherian, 'Effect of sulphur on the corrosion behaviour of coloured concrete containing ceramic pigments', Guidance

18- F. Avazzadeh, 'Effects of cathodic protection on crevice corrosion in sea water, ', Guidance

19- A. yadi, 'Cathodic protection of carbon steel / stainless steel installations', Guidance

20- H. Tavakoli, 'Corrosion inhibition of nitrogen heterocyclic compounds and the synergistic effect of anionic surfactant on copper corrosion in acidic medium, ', Guidance

21- M. Sabouri, 'Organic Coatings Electropolymerization and improving of coating by incorporation of phosphate and Tungstate compounds', Guidance

22- V. Baiegi, 'Estimation of time to failure in stress corrosion cracking of 304 stainless steel in aqueous chloride solution using Artificial neural network', Guidance

23- L. Mosallai, ' Effect of flowing velocity on cathodic polarization of aluminium alloy 5083-H321 in artificial sea water', Guidance

24- M. Sarlak, 'Growth and properties of calcareous scale on Mild steel, Copper and 316L Stainless steel, ', Guidance

25- M. Salasi, 'Assessment of inhibition efficiency and mechanism of silicate inhibitors on mild steel corrosion in soft water', Guidance

26- M. Zamanzadeh, 'Characterization of calcareous deposits in artificial sea water by pulsed cathodic protection', Guidance

27- F. Ronasi, 'Hard chromium plating on aluminium', Adviser

28- A. Pakravanfar, 'Hard anodising of 7075 aluminium alloy at room temperature', Adviser

29- M.R. Saleh, 'Simulation of corrosion reactions kinetics', Adviser

30- A. Rasooli, 'Simulation of sulfidation kinetics', Adviser

31- A.Yazdzad, 'Corrosion inhibition action of acetylenic alcohols and hydroxycarboxilate anions on aluminum and evaluation of thier synergistic effects in chloride solutions', Adviser

32- S. Razavi, 'Stress corrosion cracking of gas pipeline in carbonate/bicarbonate environmente ', Adviser

33- P. Mohammadian, 'Hard anodizing of 7075 aluminium alloy for hardness of above 800 HV', Adviser

34- B. Saeidi, 'High temperature Oxidation behaviour of TBC/MCrAlY coatings', Adviser

35- S. Abbasnezhad, 'Electroplating of Fe-Ni and Co-Ni nanowires in the pores of anodizing of aluminium templates', Adviser

36- E. Saebnoori, 'Corrosion behaviour of NiTi shape memory alloy thin films', Guidance

37- H. Hasannejad, 'Investigation of corrosion resistance of aluminum alloys with nanocoating of cerium oxide by sol-gel method in 3.5% NaCl solution', Guidance

38- H. Mashadi Tafreshi, 'Investigation on neucleation and growth of calcareous deposits on aluminum alloys', Guidance

39- R. Labbaf, 'Investigation on the effects of microstructures of low alloy steels on CO2 corrosion in gas pipes', Guidance

40- A. Shanaghi, 'Corrosion behaviour of mild steel with nanocoating of titanium oxide by sol-gel', Adviser

41- A. Daneshmaslak, 'Structure and corrosion resistance of coatings on aluminum surface by plasma electrolitic oxidation', Adviser

42- M. Manavipour, ' Effects of electromagnetic fields on refyning and descaling', Adviser

43- H. Jafarian, 'Oxidation and hot corrosion behaviour of aluminide coatings on gama TiAl alloy', Adviser

44- S.H. Hedaiat mofidi, 'Characteristics of nanocrystalline compound layer of electroplated hard chromium coatings after pulsed plasma electolytic nitrocarburizing', Adviser

45- S.A. Lajevardi, 'Comparative investigation on morphology and corrosion behavior of Ni-TiO2 nanocomposite coating by direct and pulse current electrodeposition ', Guidance

46- M. Khoshhal, 'Simulation of the design and optimization of impressed current cathodic protection system on offshore structures', Guidance

47- R. Kiarasi, 'Corrosion behaviour of low alloy steel in CO2 aqueous environment containing acetic acid', Guidance

48- A. Ghasemi, 'Corrosion protection of stainless steel 316L by nanocoating TiO2-CeO2 by sol-gel method', Guidance

49- S. Mirzamohamadi, 'Oxidation behaviour of intermetallic compound of titanium aluminide d', Adviser

50- S. Noroozi, 'Electrochemical deposition of nanocomposit coating of Ni-Co-Al2O3', Adviser

51- F. Malekmohamadi, 'Study of microstructure and corrosion resistance of mixed sol-gel silica -tiania nano structure coating on AISI 316L in 3.5% NaCl', Guidance

52- M. Bozorg, 'Using of non-toxic inhibitor based on amino-acid for controlling of steel corrosion in HCl', Guidance

Ph.D. Thesis Supervised

1. A. Salehi, 'Effect of nitrogen ion implantation on the tribological behaviour of hard chromium plating', Guidance

2. M. Ehteshamzadeh, 'Investigation on inhibition mechanism of organic inhibitors on copper and mild steel in acidic media and chloride containing environments', Guidance

3. K. Jafarzadeh, 'Effect of flowing velocity on corrosion and cathodic protection of aluminium alloy 5083-H321 in 3.5 wt.% NaCl Solution', Guidance

Professional Experiences

1- Assistant professor in Corrosion science, Tarbiat modarres university, Tehran, 01/01/1991 - 08/01/2005

2- Head of Materials engineering department in Tarbiat Modarres University, 01/01/1992 - 01/01/1995

3- Establisher and organizer of the corrosion and protection division in Tarbiat Modarres university, 01/01/1991 -

4- Head of Corrosion and protection division in Tarbiat Modarres university, 01/01/1994 - 01/01/1998

5- Senior failure analyst in corrosion lab. In sharif university of Technology, 01/01/1981 - 01/01/1984

6- Senior research consultant in corrosion science, Iranian petroleum research centre, 01/01/1991 - 01/01/1992

7- Senior consultant in corrosion engineering, Iran radiator company, 01/01/1992 - 01/01/1997

8- Senior corrosion consultant, Iran petrochemical company, 01/01/1992 - 01/01/1993

9- Senior research consultant in corrosion science, Iranian power research centre, 01/01/1995 - 01/01/1998

10- Senior corrosion consultant, the port and shipping organization, 01/01/1995 - 01/01/1998

11- Establisher of corrosion and protection laboratory in Tarbiat modarres university, 01/01/1999 -

12- Head of Materials engineering department in Tarbiat Modarres university, 01/01/2001 - 01/01/2003

13- - Head of Corrosion and protection division in Tarbiat Modares university, 01/01/2003 - 01/01/2005

14- Publishing "the cathodic protection standards for buried and immersed structures including concrete, 01/01/1999 - 01/01/2002

15- Head of corrosion and protection division in Tarbiat Modarres university, 01/01/2007 - 01/01/2009.

Others

1- SHORT COURSES PERFORMED, One week course on "Corrosion in airplane industries and its control" in Iran air company, June 1998. - Two day course on "Cathodic Protection in Power Plants" in Neka Power Plant, July 1998. - One day course on "Principles of Corrosion and Protection" in national Iranian oil company, Ahwaz, 1999. - One day course on "Cathodic Protection of Pipelines" in yazd power Plant, June 2002. - Two days course on "Cathodic Protection of Pipelines" Kazeroon Power plant, July 2002. - Four days course on "design of cathodic protection systems" in sugar industries, Ahwaz, 2002. - Two days Course on "design and installation of cathodic protection systems", kavosh Hamayesh, November 2002. - Two day Course on "Cathodic Protection of Marine Structures", in port and Shipping organization, December 2002. - Two days course on, "design and istallation of cathodic protection for buried pipeline" Tehran, September, 2005. - Two days course on "Stray current corrosion and its prevention" Tehran, November 2005. - Two days course on "cathodic protection of Marine Structures", Iranian corrosion society, October, 2005.

2- RESEARCH STUDENTS COLLABORATED, An investigation of hard anodizing on aluminium alloy AA7075 for hardnesses above 800HV, P.Mohamadian, MSc student, 1998. 2. Oxidation of MCrAly coating by HVOF method, R. Rastgoo, MSc student, 1999. 3. Optimization of high temperature coatings on the basis of hot corrosion resistance, S.Pahlevanyali, PhD student, 2003. 4. Investigation on hot corrosion resistance of MCrAly coating, N. Farajpoor, MSc student, 2002. 5. Optimization of cathodic protection design of offshore structures, H. Shoorabi, MSc student, 2003. 6. Development of thin film of TiAlBN by PACVD and investigation of different parameters on its performance, S. Ahangarani, PhD Student, 2005. 7. High temperature oxidation behaviour and thermal shock resistance of

TBC/MCrAlY coatings, B. Saeedi, MSc student, 2005. 8. Electroplating of Fe-Ni and CO-Ni nanowires in the pores of anodizing aluminium template, S. Abbasnezhad, MSc Student, 2004.