**AUTHORED/ TRANSLATED BOOKS**

1. **Es-Saheb, M. H.,** the Arabic translation of the book titled, “Logical Design of Automation Systems”, by Sander B. Friedman, Prentice Hall, Inc., (1990), Englewood Cliffs, New Jersey, USA. Printed by King Saud University Press 1998.
2. **Es-Saheb, M. H.,** the Arabic translation of the book titled, “Powder Metallurgy, The Process and Its Products”, by Gordon Dowson, Adam Higler; IOP Publishing Ltd., (1990), Bristol, England, UK, Printed by King Saud University Press 2000.
3. **Es-Saheb, M. H.,** and Abduljabar, Z. S., the Arabic translation of the book titled, “ The Mechanics of Sheet Metal Forming”, by Z. Marciniak and J. L. Duncan, Edward Arnold, A division of Hodder and Stoughton, (1991), London, England, UK, King Saud University Press 2002.
4. **Es-Saheb, M. H.,** the Arabic translation of the book titled, “Manufacturing Engineering Processes”, second edition, revised and expanded; by Leo Alting, Marcel Dekker, Inc.; New York, (1994), USA, King Saud University press, 2007.
5. **Es-Saheb, M. H.,** and Alammar, E., the Arabic translation of the book titled, "Effective Learning and Teaching in Engineering", by Caroline Baillie and Ivan Moore, Taylor & Francis Group, 270 Madison Avenue, New York (2004), USA, King Saud University press, 2012.
6. **Es-Saheb, M. H.,** and Almajed, M.I., the Arabic translation of the book titled, “Nano-Engineering in Science and Technology”, by M Rieth, World Scientific Publ. Co. Pte. Ltd.; NJ, (2003), USA, under review, 2013.
7. **Es-Saheb, M. H.,** and Almajed, M.I., the Arabic translation of the book titled, “Principles of Nanotechnology”, by G. Ali Mansoori, World Scientific Publ. Co. Pte. Ltd.; NJ, (2005), USA, under review 2013.

**CONTRIBUTED RESEARCH PAPERS TO LOCAL AND INTERNATIONAL JOURNALS AND CONFERENCES:**

* 1. Al-Hassani, S.T.S. and **Es-Saheb M.H**.," Strain Rate Effects in Pharmaceutical Powders", Inst. Phys. Conf. Ser. No. 70, 3rd Conf. Mech. Prop. High Rates of Strain, Oxford-UK, pp. 421-426, April 9-12, 1984.
	2. **Es-Saheb M.H**.," The Dynamic Pressure Measurements of the Nuclear Reactor Coolant for Condition-based Maintenance of the Reactor", Proc. Symp. On Maintenance Planning and Operations, KSU, Saudi Arabia, 1990, March 17-19, pp 285-294.
	3. **Es-Saheb M.H**., Sarumi, M.A., and Al-Hassani, S.T.S.," Compaction Rate Properties and Triaxial Stressing of Powders", P/M 90 World Conf. on Powder Metallurgy by the Institute of Metals, London, UK, 1990, July 2-6, Vol. I., pp 533-547.
	4. **Es-Saheb M.H**., "The Compaction Characteristics of Binary Mixture Powders", J. of King Saud University, Eng. Sci. (1), Vol. 4, pp 79-94, Saudi Arabia, (1992).
	5. **Es-Saheb M.H**., "The Cold Compaction Characteristics of Polyvinylchloride (PVC) Powders", 3rd Saudi Engineering Conference, Riyadh, Saudi Arabia, Nov. 24-27, 1991.
	6. **Es-Saheb M.H**., "The Dynamic Pressure Measurements of the Coolant Impact on Solid Surfaces in a Simulated Nuclear Reactor Geometry", J. King Saud University, Eng. Sci. Vol. 4, pp. 11-28, 1992.
	7. **Es-Saheb M.H**., "Uniaxial Strain Rate Effects in Pharmaceutical Powders During Cold Compaction", J. Mat. Sci. (27), pp 4151- 4159, (1992).
	8. **Es-Saheb M.H**., "Powder Compaction Interpretation Using the Power Law", J. Mat. Sci. (28), pp 1269- 1275,UK, (1993).
	9. **Es-Saheb M.H**., "The Cold Compaction of Polyvinyl Chloride (PVC) Powders", J. of King Saud University, Eng. Sci. (1), Vol. 6,pp. 99-113, Saudi Arabia, (1994).
	10. **Es-Saheb M.H**., "The Temperature Effects on High Density Polyethylene (HDPE) Pipes", JKAU: J. of King Abdulaziz University, Eng. Sci., Vol. 8, pp. 47-60, Saudi Arabia, (1996).
	11. **Es-Saheb M.H**., "Stress Wave Technique for Pedigrising Powder Compacts", Proc. 5th International Conference on Production, Engineering, Design & Control, PEDAC' 92, pp. 59-68, Alexandria, Egypt, Dec. 27-29, (1992).
	12. **Es-Saheb M.H**., and Al-Hassani, S.T.S. "High Pressure Triaxial Testing System for Powders", Proc. 5th Intl. Conf. on Production, Engg., Design & Control, PEDAC' 92, Alexandria, Egypt, Dec. 27-29, (1992).
	13. **Es-Saheb M.H**. and Al-Hadlaq, T., " The Buckling and Collapse Characteristics of Polyvinylchloride Tubes under Axial Loads", Proc. 2nd Symp. On Maintenance Planning and Operations, pp. 301-312, KSU, Riyadh, Saudi Arabia, April 24-26, (1993).
	14. **Es-Saheb M.H**., Abdul-Jabbar, Z.S, Al-Dwailee, K and Al-Hazzaa, M., “Failure Causes of High Density Polyethylene (HDPE) Pipes Used in the House Connections in Water Distribution Net-Work ", Proc. 2nd Symp. On Maintenance Planning and Operations, pp. 236-249, KSU, Riyadh, Saudi Arabia, April 24-26, (1993).
	15. **Es-Saheb M.H**., Cogun C. and Al-Matery, S., "A Statistical Investigation on Optic Characterization of Particulates", Proc. of the Industrial Air Pollution Symp., pp. 197-208, KSU, Riyadh, Saudi Arabia, Nov. 15-17, (1993).
	16. **Es-Saheb M.H**. and Al-Hadlaq, T., " The Buckling and Collapse Characteristics of Polyvinylchloride Thick Tubes under Axial Loads", Proc. 1st Assiut University Intl. Conf., MEATIP’1, 27-29 Dec., Assiut, Egypt, 1994**.**
	17. **Es-Saheb M.H**., "Strain Hardening and Strain Rate Characteristics of Uniaxial Cold Compacted Salt Powders", Araibian J. for Sci. and Eng., Vol. 21, No. 1, pp. 39-54, Saudi Arabia, (1996).
	18. **Es-Saheb M.H**., "Tensile Fracture Characteristics of Double Convex-Faced Cylindrical Powder Compacts", J. Mat. Sci. (31), pp 214- 223, UK, (1996).
	19. **Es-Saheb M.H**., "Axially Loaded Cylindrical Tubes as Energy Absorbers", Proc. 6th Intl. Machine Design and Production Conf., pp.451-461, METU, 21-23 Sept., Ankara, Turkey, (1994).
	20. Radwan, A., and **Es-Saheb, M. H**., “Knowledge Based Powder Selection System,” Proc. of Intl. Conf. Advances in Materials and Processing Technologies, AMPT`95, 8-12 August, Dublin, Ireland, 1995.
	21. **Es-Saheb M.H**., Cogun C., " A Statistical Investigation of Selected Loose Cast Iron Powder Properties", The Fourth Saudi Engineering Conference, Vol. IV, pp. 217-225, Jeddah, Nov. 5-8, 1995. JKAU: Eng. Sci., Special Issue, Saudi Arabia, pp. 211-220, (1999).
	22. **Es-Saheb, M. H**., “Design Considerations of Polyvinyl-chloride (PVC) Columns for Concentric Loading”, Proc. Of the 6th Intl. Conf. On Production Engineering, Design and Control, PEDAC’ 97, Alexandria, Egypt, Vol. II, 1997.
	23. Radwan A.and **Es-Saheb M.H**., "Computerized Relational Model for Powder Technology: Powder and Process Selection", J. Intelligent Manufacturing, Vol. 9, pp. 467-473 1998.
	24. **Es-Saheb, M. H**., “Analytical Formulation of Powder Compaction Mechanics”, Proc. Of the 8th Intl. Machine Design and Production Conference, UMTIK’98, Ankara, Turkey, September 9-11, 1998.
	25. **Es-Saheb, M. H**., “Dynamic Compaction of Powders: Theoretical Formulation”, Proc. Of the 8th Intl. Machine Design and Production Conference, UMTIK’98, Ankara, Turkey, September 9-11, 1998.
	26. **Es-Saheb M.H**., "Powder Compaction Mechanics: A New General Theoretical Formulation", Proc. of the 4th Intl. Conf. Advances in Materials Processing and Technologies, AMPT`98, 24-28 August, Selangor, Malaysia, 1998.
	27. **Es-Saheb M.H**., Cogun C., " A Statistical Investigation of Selected Loose Cast Iron Powder Properties", JKAU, Eng. Sci., Special Issue: The Fourth Saudi Engineering Conference, Jeddah 1995, and 1999.
	28. **Es-Saheb M.H**., and Al-Khalifa, Y. A., "Computer Aided Design (CAD) of Finite Full Hydrodynamic Journal Bearings", Proc. 2nd Assiut University Intl. Conf. On Mech. Eng. Advanced Tech. For Indus. Prod., MEATIP’2, 2-4 March, Assiut, Egypt, 1999.
	29. **Es-Saheb M.H**., and Radwan A., "Towards an Expert System for Powder Production Processes", The Fifth Saudi Engineering Conference, Meccah, March, Vol.4, 1999.
	30. **Es-Saheb M.H**., Cogun C., and Al-Matery S., "Statistical Characterization of Particulates Properties of Some Industrial Powders", The Fifth Saudi Engineering Conference, Meccah , vol.4, 1999.
	31. **Es-Saheb M.H**., Sharaf M., Al-Harkan I., and Alnabolsy M., "Sampling for Powder Characterization", Proc. 2nd Assuit University Intl. Conf. MEATIP’2, 2-4 March, Assuit, Egypt, 1999.
	32. **Es-Saheb M.H**, Cogun C., and Al-Matery S., "Statistical Characterization of Particulates Properties of Some Industrial Powders", J. King Saud Univ. Vol. 13, Eng.Sci. (1), (1),pp 117-136,2001.
	33. **Es-Saheb M.H**., and Sharaf M., "Computer Aided Quality (CAQ) for Powder Technology ", Proc. Of the 7th Intl. Conf. On Production Engineering, Design and Control, Alexandria, Egypt, 13-15 Feb., 2001.
	34. **Es-Saheb M.H**., Sharaf M., Al-Harkan I., "Statistical Treatment for Primary Characteristics of Powders with Irregular Particles ", The Arabian J. for Sci. and Engineering, Vol. 27, No. 1B, pp. 41-55, April 2002.
	35. **Es-Saheb M.H**., and Al-Khalifa, Y. A., "Computer Aided Design (CAD) of Full Hydrodynamic Journal Bearings", International Journal of Computer Applications in Technology, Volume 17, No. 1, pp. 47-56, UK, 2003.
	36. **Es-Saheb M.H**., "Powder Compaction Mechanics: A New General Theoretical Formulation", J King Saud Univ., Vol. 15, Eng. Sci. (1), pp. 67-79, Saudi Arabia, 2003.
	37. **Es-Saheb M.H**., and Radwan A., "Towards an Expert System for Powder Production Processes: (I) The Atomization Process", JKAU, Eng. Sci., Vol. 14, no. 2, pp. 87-99, 2002.
	38. **Es-Saheb M.H**., "Upper Bound Loads Analyses For Plane-Strain Compression", Second International Industrial Engineering Conference, 2nd IIEC, Riyadh, Saudi Arabia, Dec. 19-21, (2004).
	39. **Es-Saheb M.H**., Al-Harkan I., " An Expert System for Powder Selection Using VP-Expert ", Second International Industrial Engineering Conference, 2nd IIEC, Riyadh, Saudi Arabia, Dec. 19-21, (2004).
	40. **Es-Saheb M.H**., "Dynamic Fracture of Manufactured Powder Compacted cylindrical Components ", Second Intl. Industrial Engineering Conference, 2nd IIEC, Riyadh, Saudi Arabia, Dec. 19-21, (2004).
	41. **Es-Saheb M.H**., "Dynamic Fracture of Manufactured Powder Compacted cylindrical Components ", Journal of Materials Processing Technology, JMPT 178 (2006), pp.143-147.
	42. **Es-Saheb, M. H.,** Mohammed I. Al-Majed, “On The Control of Nanopowders Tableting in Pharmaceutical Industry”, Proc. Of the 12th Intl. Machine Design and Production Conference, UMTIK’2006, Kusadasi, Turkey September 5-8, 2006.
	43. **Es-Saheb M.H**., and Sharaf M., "Computer Aided Quality (CAQ) for Powder Technology ", Int. J. Product Development, Vol. 7, Nos. 3/4, pp. 231-245, 2009.
	44. **Es-Saheb M. H.**, "Computer Aided Manufacturing System for Riser Design Automation in Casting", the 3rd International Conference on Advanced Computational Engineering and Experimenting, ACE-X 2009, Rome - Italy, from 22-23 June, 2009.
	45. **Es-Saheb M. H.**, E. A. Al-Bahkali, "Characteristics of Simple Structures Impact on Rigid Surface Using Finite Element Technique", the 3rd International Conference on Advanced Computational Engineering and Experimenting, ACE-X 2009, Rome - Italy, from 22-23 June, 2009.
	46. **Es-Saheb M. H.**, R. K. Abdel-Magied, "Computer Aided Design System for Riser Design in Casting Employing Shape Recognition Techniques", the 3rd International Conference on Advanced Computational Engineering and Experimenting, ACE-X 2009, Rome - Italy, from 22-23 June, 2009.
	47. Ibrahim Alharkan and **Es-Saheb Mahir**, "Developing an Expert System For Powder Technology", the 3rd International Conference on Advanced Computational Engineering and Experimenting, ACE-X 2009, Rome - Italy, from 22-23 June, 2009.
	48. **Es-Saheb M. H.**, A. Al Bedah, Reassessment of the Diametral Compression Test Using Finite Element Analysis, the 3rd International Conference on Advanced Computational Engineering and Experimenting, ACE-X 2009, Rome - Italy, from 22-23 June, 2009.
	49. E. A. Al-Bahkali, **Es-Saheb M. H.**, and J. Herwan, “Finite Element Modeling of Weld-Bonded Joint”, the 4rd International Conference on Advanced Computational Engineering and Experimenting, ACE-X 2010, Paris - France, from 8-9 July, 2010.
	50. **Es-Saheb M. H.**, A. Al Bedah, and F. Benyahya, “Diametral Compression Test: Validation Using Finite Element Analysis”, the 4rd International Conference on Advanced Computational Engineering and Experimenting, ACE-X 2010, Paris - France, from 8-9 July, 2010.
	51. E. A. Al-Bahkali, **Es-Saheb M. H.**, and J. Herwan, “Elastic Plastic Stress Distribution in Bond Welded Lap Joint under Axial Loading”, the 4rd International Conference on Advanced Computational Engineering and Experimenting, ACE-X 2010, Paris - France, from 8-9 July, 2010.
	52. **Es-Saheb M. H.**, A. El-Leathy, E. kenawy, and S. Al-Deyab., “A Novel Electrospinning Application for Nanofiber Coatings Deposition as Corrosion Inhibitors”, the 4rd International Conference on Advanced Computational Engineering and Experimenting, ACE-X 2010, Paris - France, from 8-9 July, 2010.
	53. **Es-Saheb M. H.**, M. Alata., “Knowledge-Based Approach for Predicting P/M Product Properties from Powder Characteristics using Fuzzy Techniques”, the 4rd International Conference on Advanced Computational Engineering and Experimenting, ACE-X 2010, Paris - France, from 8-9 July, 2010.
	54. **Es-Saheb M. H.**, M. Sharaf, “Sampling Formulation and Sample Size Determination for Powders”, the 4rd International Conference on Advanced Computational Engineering and Experimenting, ACE-X 2010, Paris - France, from 8-9 July, 2010.
	55. A. Albedah, M. Berrahou, **Es-Saheb M.**, F. Benyahia and B. Bachir Bouiadjra , “Mass Gain Estimation Between Double and Single-Bonded Composite Repairs for Inclined Cracks in Aircraft Structures”, *Journal of Thermoplastic Composite Materials, pp. 1-12,* published online 13 June 2011, DOI: 10.1177/0892705711406160. Journal of Thermoplastic Composite Materials**March 2012**vol. 25 no. 2 **181-192,** ISSN: 0892-7057
	56. B. Bachir Bouiadjra, M. Fari Bouanani, A. Albedah, F. Benyahia, **Es-Saheb M.**, “Comparison between rectangular and trapezoidal bonded omposite repairs in aircraft structures: A numerical analysis’, Materials and Design 32 (2011) 3161–3166.
	57. **Es-Saheb Mahir H.**, Abdulmohsen Albedah and Faycal Benyahia, “Diametral compression test: validation using finite element analysis', Int J Adv Manuf Technol (2011) 57:501–509.
	58. **Es-saheb Mahir**, Abdelrahman El-Leathy, El-Refaie kenawy, Salem Al-Deyab, ‘A Novel Electrospinning Application for Nanofiber Coatings Deposition as Corrosion Inhibitors' , submitted to Journal Key Engineering Materials, 2010.
	59. **Es-Saheb** **Mahir**, and Ibrahim Al-Harkan, " An Expert System For Powder Selection Using Exsys Corvid", WSEAS Conference, Venice , Italy, March 8, 2011.
	60. **Es-Saheb M. H.**, A. Al Bedah, F. Benyahya," Size Effect Of Diametral Compression Test: A Numerical Study", in the 5th International Conference on Advanced Computational Engineering and Experimenting (ACE-X2011), Vilamoura, Algarve, Portugal from 03-06 July, 2011.
	61. **Es-Saheb** **Mahir**, and Ibrahim Al-Harkan, " Exsys- CORVID Expert for Powder Selection", in the 5th International Conference on Advanced Computational Engineering and Experimenting (ACE-X2011), Vilamoura, Algarve, Portugal from 03-06 July, 2011.
	62. **Es-Saheb M. H.**, E. Bahkali, J. *Herwan*," Stress Distribution In Bond Welded Lap Joint Under Axial Loading", in the 5th International Conference on Advanced Computational Engineering and Experimenting (ACE-X2011), Vilamoura, Algarve, Portugal from 03-06 July, 2011.
	63. A. Albedah, B. Bachir Bouiadjra, L. Aminallah, **Es-Saheb M.**, F. Benyahia ,” Numerical analysis of the effect of thermal residual stresses on the performances of bonded composite repairs in aircraft structures”, [Composites: Part B](http://www.sciencedirect.com/science/journal/13598368) ; [Volume 42, Issue 3](http://www.sciencedirect.com/science?_ob=PublicationURL&_tockey=%23TOC%235565%232011%23999579996%232901783%23FLA%23&_cdi=5565&_pubType=J&view=c&_auth=y&_acct=C000050221&_version=1&_urlVersion=0&_userid=10&md5=a4c13adb6340269adfc82141e30b0f52), April 2011, pp. 511-516.
	64. A. Albedah, B. Bachir Bouiadjra, R. Mhamdia, F. Benyahia, **Es-Saheb M.,** "Comparison Between Double And Single Sided Bonded Composite Repair With Circular Shape", Materials and Design 32 (2011) 996–1000.
	65. A Albedah, B Bachir Bouiadjra, WOuddad, **Es-saheb** **M** and F Binyahia, “Elastic plastic analysis of bonded composite repair in cracked aircraft structures", Journal of Reinforced Plastics and Composites 30(1) (2011) 66–72.
	66. **Es-Saheb M. H.**, " Porous Journal Bearing Characteristics and Performance", in the 6th International Conference on Advanced Computational Engineering and Experimenting (ACE-X2012), Istanbul, TURKEY from 01-04 July, )2012(.
	67. R. Ramadan, S.A Ibrahi,\*, M. Farag, A.A. Elzatahry, **Es-Saheb M. H.**, Processing Optimization and Characterization of Magnetic Non-Oriented Electrical Silicon Steel, *Int. J. Electrochem. Sci.,* 7 **(2012)** 3242 - 3251.
	68. M. A. Al-Nimr, V. A. Hammoudeh, M. A. Hamdan and **Es-Saheb M. H.**, Fanno Flow in Microchannels, Research Journal of Applied Sciences, Engineering and Technology 4(24): 5578-5585, 2012.
	69. **Mahir Es-Saheb**, Ahmed A. Elzatahry, El-Sayed M. Sherif , Ahmad S. Alkaraki, and El-Refaie kenawy , A Novel Electrospinning Application for Polyvinyl Chloride Nanofiber Coating Deposition as a Corrosion Inhibitor for Aluminum, Steel, and Brass in Chloride Solutions, Int. J. Electrochem. Sci., 7 (2012) 5962 – 5976
	70. El-Sayed M. Sherif , **Mahir Es-Saheb**, Ahmed A. Elzatahry, El-Refaie kenawy , and Ahmad S. Alkaraki, Coating Electrospun Polyvinyl Alcohol and Polyvinyl Chloride Fibers As Corrosion Passivation Applications, Int. J. Electrochem. Sci., 7 (2012) 6154 – 6167.
	71. **Mahir Es-Saheb**, El-Sayed M. Sherif , Ahmed A. Elzatahry, Magdy M Elrayes, and Khalil A. Khalil, Corrosion Passivation in Aerated 3.5% NaCl solutions of Brass by Nanofiber Coatings of Polyvinyl Chloride and Polystyrene, Int. J. Electrochem. Sci., 7 (2012) 10442 – 10455.
	72. **Mahir Es-Saheb**, and Ahmed A. Elzatahry, Strain Rate and Post Heat Treatment Effects and Characterization of Polyvinyl Alcohol Nano-Fiber Sheet Fabricated by Electrospinning Technique, 1st International Conference on Emerging Advanced Nanomaterials (ICEAN-2012), Brisbane, Australia, Oct 22-25, (2012) 511.
	73. Essam A. Al-Bahkali, **Mahir H. Es-Saheb**, Jonny Herwan, Stresses Distribution in Spot, Bonded, and Weld-Bonded Joints during the Process of Axial Load, World Academy of Science, Engineering and Technology, 67, (2012), 347-352.
	74. Essam A. Al-Bahkali, **Mahir H. Es-Saheb**, Jonny Herwan,Stresses Distribution in Spot, Bonded, and Weld-Bonded Joints During the Process of Axial Load,WASET 2012 : World Academy of Science, Engineering and Technology, 67, (2012), 347-352. July 11-12, 2012, Stockholm, Sweden
	75. Basharat Salim and **Mahir Es-Saheb**, Evaluation of Comparative Performance of Three Wind Turbine Rotors, Research Journal of Applied Sciences, Engineering and Technology 5(2): 606-618, 2013.
	76. **Es-Saheb M. H**, Al-witry A., and A. Albedah, Analyses Of Plane-Strain Compression Using The Upper Bound Method, Research Journal of Applied Sciences, Engineering and Technology 6(5): 761-767, 2013.
	77. Al-witry A., and **Es-Saheb M. H**, Benchmarking the Performance of the ANSYS-FLUENT Standard k- ε Turbulence Model in Fluid Flow and Heat Transfer Predictions for Complex Flows around Circular Pin-Fins Using Various near Wall Functions**,**  Research Journal of Applied Sciences, Engineering and Technology, 5(17): 4301-4310, (2013).
	78. **Mahir Es-Saheb** and Shahid M Azhar, “Sintering Behavior of Fe and Co Doped Ag-W Metal-Matrix Composites”, The 7th International Conference on Advanced Computational Engineering and Experimenting (ACEX2013), Spain, Madrid, 1-4 July 2013.
	79. Shahid M Azhar and **Mahir Es-Saheb**, “Production of Silver-Tungsten Composite with Homogenous Structure and Controlled Tungsten Particle Size for Electrical Contacts, The 7th International Conference on Advanced Computational Engineering and Experimenting (ACEX2013), Spain, Madrid,1-4 July 2013.
	80. Essam A. Al-Bahkali, **Mahir H. Es-Saheb**, Jonny Herwan, Elastic Plastic Stress Distributions in Weld-Bonded Lap Joint under Axial Loading, Research Journal of Applied Sciences, Engineering and Technology , in press, 2014.
	81. Yuhui Li, Jing Wei, Junping Dong, Wei Luo, Wei Li, Shanshan Feng, Junchen Chen, Jiaqiang Xu, Ahmed A. Elzatahry, **Mahir Es-Saheb**, Yonghui Deng and Dongyuan Zhao, Synthesis of Ordered Mesoporous Tungsten Oxide with Large Pore Size and Crystalline Framework for High Performance H2S Gas Sensing, Mesoporous Materials, DOI: 10.1002/anie.2014
	82. **Mahir Es-Saheb** and Shahid M Azhar **, “**Sintering Characteristics of Iron and Cobalt Doped Silver-Tungsten Metal-Matrix Composites**”**, Research Journal of Applied Sciences, Engineering and Technology , in press, 2014.
	83. Shahid M Azharand **Mahir Es-Saheb, “**Homogenous Silver-Tungsten Composite Production for Electrical Contacts”, Research Journal of Applied Sciences, Engineering and Technology, in press, 2014.
	84. Malak Naji, Moh'd Al-Nimr, Eyad Alsyed and **Mahir Es-Saheb**, Thermal Stresses in an Anisotropic Thin Plate Subjected to Moving Plane Heat Sources, Research Journal of Applied Sciences, Engineering and Technology, in press, 2014.
	85. Abdur Rosyid, **Mahir Es-Saheb** and Faycal Ben Yahia, Stress Analysis of Nonhomogeneous Rotating Disc with Arbitrarily Variable Thickness Using Finite Element Method, Research Journal of Applied Sciences, Engineering and Technology, in press, 2014.
	86. **Mahir Es-Saheb**, and Ahmed A. Elzatahry, Post Heat Treatment and Mechanical treatments assessment of Polyvinyl Alcohol Nano-Fiber Sheet Fabricated by Electrospinning Technique, Polymer Science Journal, in press 2014.