

Publications: Prof. Dr. Shahzad Naseem (Impact Factor: 434.448)

1. Coutts TJ, Don ER, Pearsall NM, Naseem S, Cooper RR and Himrane F, "Properties of RF sputtered window layers and the performance of CdS/InP solar cells", Commission of the European Communities (Report) EUR, 1984, 892
2. Coutts TJ, Naseem S and RK Ahrenkiel, "Analysis of high efficiency InP/ITO solar cells", Commission of the European Communities (Report) EUR, 1985, 174
3. Coutts TJ and Naseem S, "High efficiency indium tin oxide / indium phosphide solar cells", Appl. Phys. Lett., 46, 1985, 164 **3.817**
4. Naseem S and Coutts TJ, "Indium tin oxide / GaAs solar cells", J. Appl. Phys., 58, 1985, 4463 **2.220**
5. Naseem S, Coutts TJ and Aharoni H, "Effects of plasma exposure on the performance of ITO/InP solar cells prepared by RF and Ion-beam sputtering", J. Vac. Sci. Technol. A, 4, 1986, 465 **1.297**
6. Naseem S and Coutts TJ, "The influence of deposition parameters on the optical and electrical properties of RF sputter deposited indium tin oxide films", Thin Solid Films, 137, 1986, 65 **1.888**
7. Swartzlander A, Coutts TJ, Naseem S and Massopust TP, "Analysis of the interface of indium tin oxide with InP", Thin Solid Films, 138, 1986, 87 **1.888**
8. Naseem S, Ahmed I, Suleman M and Malik NA, "Study of the ageing effects in In₂O₃/SiO₂/Si solar cells using Auger Electron Spectroscopy", Solar Cells, 20, 1987, 289 **5.205**
9. Naseem S and Coutts TJ, "The influence of plasma processing on indium tin oxide / indium phosphide solar cells", Pak. J. Sci. Ind. Res., 30, 1987, 152
10. Siddiqi SA, Ahmed I and Naseem S, "Field dependence of optical band gap in manganese phosphate glasses", Int. J. Electron., 63, 1987, 733 **0.460**
11. Siddiqi SA, Khan RD, Khawaja FA and Naseem S, "Band gap variation in manganese phosphate glasses with increasing manganese concentration", Int. J. Electron., 64, 1988, 661 **0.460**
12. Naseem S, Rauf IA, Hussain K and Malik NA, "Effects of oxygen partial pressure on the properties of reactively evaporated thin films of indium oxide", Thin Solid Films, 156, 1988, 161 **1.888**
13. Naseem S, "Reflection high energy electron diffraction studies of the indium phosphide surface", Jpn. J. Appl. Phys., 27, 1988, 145 **0.981**
14. Suleman M and Naseem S, "Effects of In₂O₃ deposition conditions on the SiO₂/Si interface", Solar Cells, 23, 1988, 269 **5.205**
15. Naseem S and Coutts TJ, "Calculations of the dead layer thickness in indium phosphide / indium tin oxide solar cells", Solar Cells, 23, 1988, 265 **5.205**
16. Shamim A, Khan KM, Ahmed A, Suleman M, Naseem S and Mateen A, "Optical band gap determination in lead silicate glasses", Int. J. Electron., 67, 1989, 235 **0.460**
17. Naseem S and Hussain K, "Preparation of thermally evaporated CdTe thin films", Chin. Phys. Lett., 7, 1990, 510 **0.92**

18. Naseem S and Din N, "Effects of copper doping and annealing temperatures on the properties of all thin film CdTe/CdS solar cells", *Sci. Inter.*, 2, 1990, 281
19. Naseem S, "Preparation and properties of evaporated CdTe and all thin film CdTe/CdS solar cells", *Chin. Phys. Letts.*, 8, 1991, 255 **0.92**
20. Nasir HA, Hussain K and Arif M and Naseem S, "Effects of chloride doping on the properties of cadmium sulphide thin films", *J. Nat. Sci. Math.*, 33, 1993, 207
21. Naseem S, Iqbal M and Hussain K, "Optoelectrical and structural properties of evaporated indium oxide thin films", *Solar Energy Materials and Solar Cells*, 31, 1993, 155 **5.205**
22. Sadiq MG, Ahmed E, Suleman M and Naseem S, "Auger electron spectroscopy of carbonised SiC/Si samples", *Sci. Inter.*, 6, 1994, 14
23. Ahmed E, Sadiq MG, Hussain K and Naseem S, "SiC formation by carbonisation method: X-ray Diffraction results", *Sci. Inter.*, 6, 1994, 113
24. Naseem S, Suleman M, Sadiq MG and Ahmed E, "SiC: hard coatings on Si substrate", *Sci. Inter.*, 6, 1994, 207
25. Naseem S, Mughal MA, Zaheer MY, Ahmed N and Akram M, "Dependence of structural and opto-electrical properties on the composition of electron beam evaporated $Zn_xCd_{1-x}S$ thin films", *J. Mater. Sci. Technol.*, 12, 1996, 413 **1.018**
26. Naseem S, Nazir D, Mumtaz R and Hussain K, "Evaporated thin films of CdS & CdTe: optimisation for PV applications", *J. Mater. Sci. Technol.*, 12, 1996, 89 **1.018**
27. Yasin S, Naseem S, Din N and Akram M, "Optoelectrical properties of CdTe & CdS thin films for photovoltaic applications", *Sci. Inter.*, 9, 1997, 19
28. Mirza A and Naseem S, "Optimisation of e-beam evaporated ZnTe thin films for buffer layer application in CdS/CdTe solar cells", *J. Nat. Sci. Math.*, 37, 1997, 47
29. Naseem S and Yasin S, "Auger depth profiling of carbonised SiC/Si samples", *J. Mater. Sci. Technol.*, 13, 1997, 499 **1.018**
30. Mumtaz R and Naseem S, "Optoelectrical properties of chloride doped evaporated CdS thin films", *Sci. Inter.*, 9, 1997, 357
31. Mumtaz R and Naseem S, "Structural properties of CdCl₂ doped evaporated CdS thin films", *Sci. Inter.*, 9, 1997, 365
32. Yasin S, Mirza A and Naseem S, "Effect of back contacts on the characteristics of all thin film CdTe/CdS solar cells", *Sci. Inter.*, 10, 1998, 59
33. Mirza A, Yasin S and Naseem S, "Optical properties of ZnTe thin films deposited by e-beam evaporation technique", *Sci. Inter.*, 10, 1998, 63
34. Mumtaz R and Naseem S, "One diode modelling of heterojunction ITO/InP solar cells", *Sci. Inter.*, 10, 1998, 87
35. Mumtaz R and Naseem S, "Doping effect of CdCl₂ on the properties of thermally evaporated CdS thin films", *Sci. Inter.*, 10, 1998, 91
36. Naseem S, Akram M and Ahmed MS, "CdS/Cu₂S solar cells prepared by e-beam evaporation", *J. Nat. Sci. Math.*, 38, 1998, 234

37. Khan MU, Naseem S, Munawwar MI & Nazar FM, "SEL deposition of cadmium chalcogenides and optimization for photovoltaic use", *Mod. Phys. Letts.*, B 13, 1999, 953 **0.863**
38. Ponnampalam L, Plumb RGS and Naseem S, "Tunable laser with partial reflectors", *Appl. Phys.*, B – Lasers and Optics, 73, 2001, 575 **1.918**
39. Shah NA and Naseem S, "Effects of copper doping on the properties of thin films of cadmium telluride", *Sci. Inter.*, 13, 2001, 13
40. Naseem S and Asghar H, "Fabrication, characterization and interface study of CdS/CdTe thin film solar cells", *Sci. Inter.*, 13, 2001, 17
41. Naseem S and Humera N, "Auger and electrical analyses of Nb based Josephson junctions", *Sci. Inter.*, 2001, 35
42. Naseem S and Humera N, "Surface and interface analyses of UHV evaporated Nb/AlO_x/Nb tri-layers", *J. Mater. Sci. Technol.*, 17, 2001, 163 **1.018**
43. Khalid A, Naseem S and Abbas N "Preparation and characterisation of TiO₂ thin films for photoelectrochemical solar cells", *Sci. Inter.*, 13, 2001, 207
44. Naseem S, "AFM studies of various Nb and Al thin films for their use in Josephson junctions", *Surf. Rev. Lett.*, 8, 2001, 689 **0.437**
45. Siddiqi SA, Aslam A and Naseem S, "Study of selenium doped Bi-based superconductors by AES and SEM", *Mod. Phys. Letts.*, B 15, 2001, 973 **0.423**
46. Majid A, Haq IU, Zaheer MY and Naseem S, "Optical band gap determination of Zn_xCd_{1-x}S thin films", *J. Nat. Sci. Math.*, 42, 2002, 49
47. Naseem S, Mughal MA, Zaheer MY and Ahmed N, "Electro-optic and structural properties of e-beam evaporated Zn_xCd_{1-x}S thin films", *J. Nat. Sci. Math.*, 42, 2002, 143
48. Riaz S and Naseem S, "Phase transition study in Cu(In,Ga)Se₂ thin films by X-ray diffraction", *Sci. Inter.*, 15, 2003, 99
49. Mumtaz R and Naseem S, "Structural properties of CdCl₂ doped evaporated CdS thin films", *J. Nat. Sci. Math.*, 43, 2003, 59
50. Rehman K, Naseem S and Rehman A, "Optical properties of CuInSe_x thin films", *J. Nat. Sci. Math.*, 43, 2003, 141
51. Asghar MH, Khan MB, Tayyab M and Naseem S, "Two layer antireflection coatings for 3-5 micron band on silicon substrate", *Sci. Inter.*, 15, 2003, 233
52. Asghar MH, Khan MB and Naseem S, "Modeling thin film multilayer broad-band-pass filters in visible spectrum", *Czech. J. Phys.*, 53, 2003, 1209 **0.423**
53. Asghar MH, Khan MB and Naseem S, "Modeling high performance multilayer antireflection coatings for visible and infrared (3-5 μm) substrates", *Semiconductor Physics, Quantum Electronics & Optoelectronics*, 7, 2004, 355
54. Asghar MH, Khan MB and Naseem S, "Designing band pass filters in 8–14 μm range for Si and Ge substrates", *Semiconductor Physics, Quantum Electronics & Optoelectronics*, 7, 2004, 358 xxx

55. Asghar MH, Farooq M and Naseem S, "Optical thin films test methodology", *Sci. Inter.*, 17, 2005, 3
56. Asghar MH, Khan MB, Naseem S and Khan ZA, "Design and preparation of antireflection films on glass substrate", *Turk. J Phys.*, 29, 2005, 43 xxx
57. Asghar MH, Placido F and Naseem S, "Characterization of reactively evaporated TiO₂ thin films as high and medium index layers for optical applications", *Eur. Phys. J. - Appl. Phys.*, 35, 2006, 177 **0.766**
58. Asghar MH, Placido F and Naseem S, "Characterization of Ta₂O₅ thin films prepared by reactive evaporation", *Eur. Phys. J. - Appl. Phys.*, 36, 2006, 119 **0.766**
59. Asghar MH, Naseem S and Placido F "Multilayer complex optical filters prepared by reactive evaporation", *Opt. Engr.*, 46, 2007, 023802 **0.783**
60. Asghar MH, Placido F and Naseem S, "Reactively evaporated multilayer antireflection coatings for Ge optical window", *J. Phys. D - Appl. Phys.*, 40, 2007, 2065 **2.357**
61. Riaz S and Naseem S, "Effect of reaction temperature & reaction-time on the structural properties of CIGS thin films deposited by sequential elemental layer technique", *J. Mater. Sci. Technol.*, 23, 2007, 499 **1.018**
62. Asghar MH, Shoaib M, Naseem S and Placido F, "Study of thin film structure based on MgF₂, CeO₂ and Al₂O₃ layers for optical applications", *Int. J. Mater. Res.*, 99, 2008, 322 **0.816**
63. Asghar MH, Shoaib M, Placido F and Naseem S, "Wide bandpass optical filters with TiO₂ and Ta₂O₅", *Cent. Eur. J. Phys.*, 6, 2008, 853 **0.832**
64. Riaz S, Shamaila S, Khan B and Naseem S, "Barium titanate films for electronic applications: structural and dielectric properties", *Sur. Rev. Letts.*, 15(3), 2008, 237 **0.437**
65. Riaz S, Shamaila S, Khan B and Naseem S, "Lower temperature formation of alumina thin films through sol-gel route", *Sur. Rev. Letts.*, 15(5), 2008, 681 **0.437**
66. Latif H, Rafique MS, Rahman MK, Rawat RS, Sattar A, Naseem S and Lee P "Impact of laser produced X-rays on the surface of gold", *Appl. Sur. Sci.*, 254, 2008, 7505 **2.099**
67. Shah SMH, Riaz S and Naseem S, "Deposition of Al₂O₃ thin films and study of their structural, optical, photoconducting & dielectric properties", *Sci. Inter.*, 20, 2008, 27
68. Asghar M, Noor H, Awan MS, Naseem S and Hassan MA, "Post-annealing modification in Structural Properties of ZnO thin films on p-type Si substrate deposited by evaporation", *Materials Science in Semiconductor Processing*, 11, 2008, 30 **1.264**
69. Kayani ZN, Riaz S and Naseem S, "Synthesis and degradation studies of nematic (N*) liquid crystals", *J. Phys. Nat. Sci.*, 2(1), 2008, 1 (available online)
70. Riaz S and Naseem S, "Effect of varying oxygen partial pressure on the properties of reactively evaporated zinc aluminate thin films", *Int. J. Mater. Res.*, 2, 2009, 237 **0.816**
71. Kayani ZN, Riaz S and Naseem S, "Preparation and characterization of SrBi₂Ti₂O₉ (SBT) thin films", *J. Nat. Sci. Math.*, 49, 2009, 49
72. Ranjha NM, Khan IU and Naseem S, "Encapsulation and characterization of flurbiprofen loaded poly (ε-caprolactone-poly (vinylpyrrolidone) blend microspheres by solvent evaporation method", *J. Sol-Gel Sci. Technol.*, 50, 2009, 281 **1.66**

73. Hussain T, Ahmed R, Khan IA, Siddiqi J, Khalid N, Bhatti AS and Naseem S, "Deposition of titanium nitride on Si (100) wafers using plasma focus", Nucl. Instrum. Meth. Phys. Res. B, 267, 2009, 768 **1.114**
74. Asghar MH, Naseem S, Shoaib M and Placido F, "Modelling and preparation of practical optical filters", Current Applied Physics, 9, 2009, 1046 **1.782**
75. Asghar MH, Shoaib M, Khan ZM, Placido F, Naseem S and Mehmood M, "Complex optical filter prepared by sputter deposition", Eur. Phys. J. Appl. Phys., 49, 2010, 20501 **0.766**
76. Zia R, Saleemi F and Naseem S, "Dependence of optical, Structural and electrical properties of $Zn_xCd_{1-x}S$ thin films prepared by co-evaporation on the composition for $x=0 - 1$ ", Int. J. Mater. Res., 101, 2010, 316 **0.816**
77. Ranjha NM, Khan H and Naseem S, "Encapsulation and characterization of controlled release flurbiprofen loaded microspheres using beeswax as an encapsulating agent", J. Mater. Sci. – Materials in Medicine, 21, 2010, 1621 **2.14**
78. Ranjha NM, Ayub G, Naseem S and Ansari T, "Preparation and characterization of hybrid pH-sensitive hydrogels of chitosan-co-acrylic acid for controlled release of verapamil", J. Mater. Sci. – Materials in Medicine, 21, 2010, 2805 **2.14**
79. Zia MF, Ali J, Naweed A, Bhatti AS and Naseem S, "Patterned growth of Si nanowires: A comparative study of VLS and SLS", Int. J. Nanosci., 09, 2010, 145
80. Anjum S, Rafique MS, Khaleeq-ur-Rahman M, Siraj K, Usman A, Latif H, Bhatti KA, Hussain S and Naseem S, "Magnetic and optical properties of amorphous NdFeCo thin films by pulsed laser deposition technique", Vacuum, 85, 2010, 126 **1.249**
81. Siddique S, Asim MM, Saleemi F and Naseem S, "DLTS studies of Al diffused n-Si", Key Engineering Materials, 442, 2010, 393 **0.497**
82. Siraj K, Khaleeq-ur-Rahman M, Rafique MS, Munawar MZ, Naseem S and Riaz S "Pulsed laser deposition and characterization of multilayer metal-carbon thin films", Applied Surface Science, 257, 2011, 6445 **2.54**
83. Kayani ZN, Riaz S and Naseem S, "Preparation of $BiFeO_3$ films by Sol-Gel technique and their characterization", Sci. Int., 23, 2011, 255
84. Anjum S, Tahir HM, Hussain K, Khaleeq-ur-Rahman M, Rafique MS and Naseem S, "Structural and magnetic properties of cadmium substituted Ni-Al ferrites", Physica B, 406, 2011, 2555 **1.327**
85. Riaz S, Naseem S and Xu YB "Room temperature ferromagnetism in sol-gel deposited undoped ZnO films" J. Sol-Gel. Sci. Technol., 59, 2011, 584 **1.841**
86. Nasim F, Ali A, Bhatti AS and Naseem S, "Temperature dependent tuning of the flat band voltages of TiO_2/Si interfaces" J. Appl. Phys., 110, 2011, 114517 **2.220**
87. Ramay SM, Saleem M, Atiq S, Siddiqi SA, Naseem S and Anwar MS "Influence of temperature on structural and magnetic properties $Co_{0.5}Mn_{0.5}Fe_2O_4$ ferrites", Bull. Mater. Sci., 34, 2011, 1415 **0.584**
88. Anjum S, Rafique MS, Khaleeq-ur-Rahman M, Siraj K, Usman A, Ahsan A, Naseem S and Khan K, "Effect of external magnetic field on the crystal growth of nano-structured $Zn_xMn_{1-x+y}Zr_yFe_{2-2y}O_4$ thin films", J. Cryst. Growth, 324, 2011, 142 **1.552**

89. Waheed A, Mitchell GR, Harris PJF, Farmer M, Watts A, Naseem S, Riaz S and Chakarvarti SK, "Fission fragments track-etched pores in borate glass", *International Journal of Pharma and Bio Sciences*, 3, 2012, 368 **2.96**
90. Kayani ZN, Lewis RA and Naseem S, "Cyanoalkyl difluoro-terphenyl-carboxylate chiral dopants", *J. Mol. Liq.*, 170, 2012, 11 **1.684**
91. Anjum S, Rafique MS, Khaleeq-ur-Rahmna M, Siraj K, Usman A, Hussain SI and Naseem S, "Investigation of induced parallel magnetic anisotropy at low deposition temperature in Ba-hexaferrites thin films", *J. Magn. Magn. Mater.*, 324, 2012, 711 **1.826**
92. Haq BU, Afaq A, Ahmed R and Naseem S, "Structural, electronic and magnetic properties of Co-doped ZnO", *Chin. Phys. B*, 21, 2012, 097101 **1.148**
93. Saleem M, Atiq S, Naseem S and Siddiqi SA, "Structural and magnetic studies of Ni-doped ZnO synthesized with auto-combustion and co-precipitation techniques", *J. Korean Phys. Soc.*, 60, 2012, 1772 **0.51**
94. Ahmed I, Chang FD, Husnain G, Rafique HM, Long Y and Naseem S, "Use of high intensity electron beam to form nanohole induced bending and fabricate nano-contact on a ZnO nanowire", *Micro and Nano Letters*, 7, 2012, 122 **1.167**
95. Haq BU, Afaq A, Ahmed R and Naseem S, "A comprehensive DFT study of zinc oxide in different phases", *Int. J. Mod. Phys. C*, 23, 2012, 1250043 **0.57**
96. Farooq M, Deen KM, Naseem S, Alam S, Ahmad R and Imran A, "Electrochemical behaviour of yttria stabilized thermal barrier coating on mild steel in artificial sea water", *Proc. Pak. Acad. Sci.*, 49, 2012, 235
97. Farooq M, Alam S, Naseem S, Imran A, Wasim B, Irfan M, Pervez A and Shaukat SF, "Study of tribological & wear characteristics of thermal barrier coatings on stainless steel substrate", *Archives Des Sciences*, 65, 2012, 517 **0.474**
98. Kayani ZN, Lewis RA and Naseem S, "Synthesis of 4-alkyl-2", 3" difluoro terphenyl nitrile using coupling reactions", *J. Mol. Liq.*, 175, 2012, 72 **1.580**
99. Khalid M, Riaz S and Naseem S, "Surface passivation of Ti/4H-SiC Schottky barrier diode", *Communication in Theoretical Physics*, 58, 2012, 577 **0.747**
100. Azim M, Atiq S and Naseem S, "Structural and electrical characterization of lanthanum doped strontium hexaferrites", *Sci. Int.*, 24, 2012, 341
101. Farooq M, Alam S, Waseem B, Imran A, Naseem S and Pervez A, "Tribological and wear behaviour of yttria stabilized zirconia thermal barrier coatings on mild steel", *J. Pak. Inst. Chem. Engrs.*, 40, 2012, 24
102. Saleem M, Siddiqi SA, Ramay SM, Atiq S and Naseem S, "Origin of ferromagnetism in Al and Ni co-doped ZnO based DMS materials", *Chin. Phys. Lett.*, 29, 2012, 106103 **0.92**
103. Ali I, Islam MU, Awan MS, Ahmad M, Ashiq MN and Naseem S, "Effect of Tb³⁺ substitution on the structural and magnetic properties of M-type hexaferrites synthesized by sol-gel auto-combustion technique", *Journal of Alloys and Compounds*, 550, 2013, 564 **2.39**
104. Naseem S, Riaz S, Hussain MA and Ghayasuddin M, "Noise optimization of low power CMOS charge amplifier using simulation environment of ELDOTM", *Atlantis-Press.com*, 2013, 506

105. Naseem S, Riaz S, Azam M, Ali SS and Durrani YA, "Power macro modelling for CMOS inverter of 0.12 μ m technology", Atlantis-Press.com, 2013, 509
106. Riaz S, Bashir M, Hussain SS and Naseem S, "Effect of Mn-doping concentration on the structural & magnetic properties of sol-gel deposited ZnO diluted magnetic semiconductor", Atlantis-Press.com, 2013, 518
107. Majid F, Riaz S, Akram MI, Atiq S and Naseem S, "Preparation and characterization of electro-deposited aluminium oxide thin films", Atlantis-Press.com, 2013, 523
108. Ali D, Butt MZ and Naseem S, "Characterization of laser-produced plasma ions of various metals and their effect on the optical properties of the CR-39 polymer", Radiation Effects and Defects in Solids, 168, 2013, 1 **0.404**
109. Amjad RJ, Sahar MR, Ghoshal SK, Dousti MR, Riaz S, Samavati AR, Arifin R and Naseem S, "Annealing time dependent up-conversion luminescence enhancement in magnesium-tellurite glass", Journal of Luminescence, 136, 2013, 145 **2.102**
110. Amjad RJ, Sahar MR, Ghoshal SK, Dousti MR, Riaz S, Samavati AR, Jamaludin MNA and Naseem S, "Plasmon-enhanced up-conversion fluorescence in Er³⁺:Ag phosphate glass: the effect of heat treatment", Chin. Phys. Letts., 30, 2013, 027301 **0.92**
111. Muhammad Z, Munir T and Naseem S, "Electrical and optical transient behaviour of n-GaN Metal-Semiconductor-Metal (MSM) photodetector", Energy and Environmental Focus, 2, 2013, 222
112. Azam M, Riaz S and Naseem S, "Designing and simulation of optoelectronic devices using SYNOPSIS TCAD", Advanced Science Letters, 19, 2013, 496 **1.253**
113. Riaz S, Sajid A, Jamil MA and Naseem S, "Optical and structural properties of evaporated Zn_xCd_{1-x}S (0 \leq x \leq 1) thin films", Advanced Science Letters, 19, 2013, 719 **1.253**
114. Bukhtiar A, Mustafa MA, Umer M, Khalid M, Riaz S and Naseem S, "Study of impact ionization in the 3D FinFET structure by varying channel doping concentration at higher temperature using SYNOPSIS TCAD", Advanced Science Letters, 19, 2013, 753 **1.253**
115. Bukhtiar A, Mustafa MA, Umer M, Khalid M, Riaz S and Naseem S, "Comparison study of impact ionization for FinFET and FD SOI device by using TCAD", Advanced Science Letters, 19, 2013, 780 **1.253**
116. Riaz S, Farooq S and Naseem S, "A study of PVD deposited FeO thin Films for magnetic applications", Advanced Science Letters, 19, 2013, 785 **1.253**
117. Akhtar MS, Riaz S, Hussain SS and Naseem S, "Structural and optical properties of sol-gel derived Zn_{1-x}Mn_xO thin films", Advanced Science Letters, 19, 2013, 789 **1.253**
118. Khalid M, Riaz S and Naseem S, "Theoretical investigation of breakdown voltage in normally-on 4H-SiC VJFET", Advanced Science Letters, 19, 2013, 820 **1.253**
119. Riaz S, Akbar A and Naseem S, "Structural, electrical and magnetic properties of iron oxide thin films", Advanced Science Letters, 19, 2013, 828 **1.253**
120. Akhtar MS, Riaz S, Noor R and Naseem S, "Optical and structural properties of ZnO thin films for solar cell applications", Advanced Science Letters, 19, 2013, 834 **1.253**
121. Honey S, Bhatti MT, Riaz S and Naseem S, "Optical properties of CdTe films prepared by centrifugal coating technique", Advanced Science Letters, 19, 2013, 866 **1.253**

122. Kayani ZN, Lewis RA and Naseem S, "Development of novel chiral dopants to be used in ferroelectric liquid crystal system", *J. Mol. Liq.*, 180, 2013, 74 **1.580**
123. Ullah Z, Atiq S and Naseem S, "Influence of Pb doping on structural, electrical and magnetic properties of Sr-hexaferrites", *Journal of Alloys and Compounds*, 555, 2013, 263 **2.73**
124. Ishaq A, Usman M, Dee CF, Khurram AA, Yan L, Zhou XT, Nadeem A, Naseem S, Rafique HM and Majlis BY, "Effects of the hydrogen, nitrogen, phosphorous and argon ion beam irradiation on the ZnO NWs", *Journal of Nanoparticle Research*, 15, 2013, 1467 **3.287**
125. Siraj K, Javaid K, Pedarnig JD, Bodea MA and Naseem S, "Electron beam induced nanostructures and band gap tuning of ZnO thin films", *Journal of Alloys and Compounds*, 563, 2013, 280 **2.73**
126. Majid F, Riaz S and Naseem S, "Optical properties of electrodeposited alumina thin films by using spectroscopic ellipsometer", *Applied Mechanics and Materials*, 319, 2013, 84
127. Sharif R, Shamaila S, Shaheen F, Naseem S, Chen, JY, Khaleeq-ur-Rahman M, Hussain K and Han XF, "Nanotube wall thickness dependent magnetization reversal properties of NiFe nanotubes", *J. Appl. Phys.*, 113, 2013, 024315 **2.168**
128. Sadiq I, Khan I, Rebrov EV, Ashiq MN, Naseem S and Rana MU, "Structural, infrared, magnetic and microwave absorption properties of rare earth doped x-type hexagonal nanoferrites", *Journal of Alloys and Compounds*, 570, 2013, 7 **2.73**
129. Farooq M, Alam S, Naseem S, Shaukat SF and Farooq R, "Stabilize consequences of Y₂O₃ in zirconia thermal barrier coatings (TBC)", *J. Chem. Soc. Pak.*, 35, 2013, 37 **0.612**
130. Ishaq A, Iqbal S, Ali N, Khurram AA, Akram A, Dee CF, Naseem S, Rafique HM and Long Y, "H⁺, N⁺, and Ar⁺ ion irradiation induced structure changes of carbon nanostructures", *New Carbon Materials*, 28, 2013, 81 **1.308**
131. Butt MZ, Ali D, Naseem S, Bashir F and Ishtiaq M, "Surface morphology and structural characterization of high purity iron irradiated with Nd:YAG pulsed laser", *Physica B*, 425, 2013, 58 **0.916**
132. Kanwal F, Rehman R, Mushtaq MW, Batool A and Naseem S, "Use of opuntia dillenii seeds for sorptive removal of acidic textile dyes from water in benign way", *Asian Journal of Chemistry*, 25, 2013, 7710 **0.235**
133. Shahid MAK, Ahmad N, Hussain K and Naseem S, "Compound phase analysis of solid aerosols collected from different locations of Faisalabad and Lahore (Pakistan) using Matrix-Flushing Method", *Peak Journal of Physical and Environmental Science Research*, 1, 2013, 54
134. Ahmad N, Hussain K and Naseem S, "Quantification of phases in Lahore (Pakistan) airborne particulates", *Journal of Minerals and Materials Characterization and Engineering*, 1, 2013, 168
135. Atiq S, Ullah Z and Naseem S, "Indexing the diffraction pattern and investigating the crystal structure of Pb-doped strontium ferrites", *J. Sci. Res.*, 5, 2013, 235
136. Altaf F, Atiq S and Riaz S and Naseem S, "Optimizing the preparation conditions of Co-doped SrFe₁₂O₁₉ and investigating its structural and dielectrical properties", *Sci. Int.*, 25, 2013, 63

137. Islam S, Rahman RA, Othaman Z, Riaz S and Saeed MA and Naseem S, "Preparation and characterization of crack-free sol-gel based SiO₂-TiO₂ hybrid nanoparticle film" J. Sol-Gel Sci. Technol., 68, 2013, 162 **1.634**
138. Iqbal F, Riaz S, Saddiqa A and Naseem S, "A study of deposition, characterization and growth conditions of carbon nanostructures on stainless steel", Nanoscience and Nanotechnology, 3, 2013, 96
139. Sadiq I, Ali I, Rebrov EV, Naseem S, Ashiq MN, and Rana MU, "Influence of Nd-Co substitution on structural, electrical, and dielectric properties of x-type hexagonal nanoferrites", J. Mater. Engg. & Perform., 23, 2014, 622 **0.915**
140. Kayani ZN, Riaz S and Naseem S, "Structural and magnetic properties of FeCoNi thin films", Indian Journal of Physics, 88, 2014, 165 **1.785**
141. Kayani ZN, Riaz S and Naseem S, "Structural and magnetic properties of thin films of iron nitride", Sur. Rev. Lett., 21, 2014, 1450013 **0.300**
142. Iftikhar A, Islam MU, Awan MS, Ahmad M, Naseem S and Iqbal MA, "Synthesis of super paramagnetic particles of Mn_{1-x}Mg_xFe₂O₄ ferrites for hyperthermia applications", Journal of Alloys and Compounds, 601, 2014, 116 **2.73**
143. Butt MZ, Ali D, Tanveer MU and Naseem S, "Surface roughness and electrical resistivity of high-purity zinc", Applied Surface Science, 305, 2014, 466 **2.54**
144. Ansar MZ, Atiq S, Alamgir K and Naseem S, "Frequency and temperature dependent dielectric response of Fe₃O₄ nano-crystallites", J. Sci. Res., 6, 2014, 399
145. Ali I, Islam MU, Ashiq MN, Iqbal MA, Awan MS and Naseem S, "Role of Tb-Mn substitution on the magnetic properties of Y-type hexaferrites", Journal of Alloys and Compounds, 599, 2014, 131 **2.73**
146. Ramay SM, Atiq S, Saleem M, Mahmood A, Siddiqi SA, Naseem S, Al-Zeghayer Y, Alzayed NS and Shahabuddin M, "Enhanced magnetization of sol-gel synthesized Pb-doped strontium hexaferrites nanocrystallites at low temperature", Journal of Nanomaterials, 2014, 2014, 452468 **1.547**
147. Sadiq I, Ali I, Rebrov E, Naseem S, Ashiq MN and Rana MU, "Nanosized Ce-Zn substituted microwave absorber material for X-band applications", J. Magn. Magn. Mater., 370, 2014, 25 **1.83**
148. Kayani ZN, Afzal T, Riaz S and Naseem S, "Optical and structural properties of thin films of ZnO at elevated temperature", Journal of Alloys and Compounds, 606, 2014, 177 **2.73**
149. Deen KM, Yousaf M, Afzal N, Riaz S, Naseem S, Farooq A and Ghauri IM, "Microbiological influenced corrosion attack by Bacillus Megaterium bacteria on Al-Cu alloy", Materials Technology: Advanced Performance Materials, 29, 2014, 269 **0.593**
150. Kanwal F, Batool A, Rasool S, Naseem S and Rehman R, "Synthesis of polyaniline composites with grinded leaves of polyalthia longifolia, syzygium cumini, alstonia scholaris and madhuca longifolia and study of their structural, electrical and dielectric properties", Asian Journal of Chemistry, 26, 2014, 7519 **0.235**
151. Riaz S, Majid F, Shah SMH and Naseem S, "Enhanced magnetic properties of Ca doped BiFeO₃ thin films by sol-gel method", Indian Journal of Physics, 88, 2014, 1037 **1.785**
152. Butt MZ, Ali D and Naseem S, "Structural and optical properties of CR-39 polymer implanted with laser produced plasma ions of iron", Physica B: Condensed Matter, 454, 2014, 179 **1.28**

153. Azim M, Atiq S, Riaz S and Naseem S, "Indexing the structural parameters and investigating the electrical properties of La doped Sr-hexaferrites", Mater. Sci. Engg., 60, 2014, 012045
154. Ramay SM, Siddiqi SA, Atiq S, Saleem M, Mahmood A and Naseem S, "Low-temperature synthesis by autocombustion and investigation of structural and magnetic properties of $Mn_{0.5}Cu_{0.5-x}Ni_xFe_2O_4$ nanocrystallites", IEEE Transactions on Magnetics, 50, 2014, 2200204 **1.422**
155. Kayani ZN, Khan ES, Saleemi F, Riaz S and Naseem S, "Growth and characterization of iron oxide nano-crystalline thin films via sol-gel dip coating method", IEEE Transactions on Magnetics, 50, 2014, 2200304 **1.422**
156. Kayani ZN, Arshad S, Riaz S and Naseem S, "Synthesis of iron oxide nanoparticles by sol-gel technique and their characterization", IEEE Transactions on Magnetics, 50, 2014, 2200404 **1.422**
157. Ramay SM, Rafique HM, Aslam S, Siddiqi SA, Atiq S, Saleem M, Naseem S and Shar MA, "Structural, morphological and magnetic characterization of sol-gel synthesized MnCuZn ferrites" IEEE Transactions on Magnetics, 50, 2014, 2200604 **1.422**
158. Riaz S, Akbar A and Naseem S, "Ferromagnetic effects in Cr-doped Fe_2O_3 thin films", IEEE Transactions on Magnetics, 50, 2014, 2200704 **1.422**
159. Akbar A, Riaz S, Bashir M and Naseem S, "Effect of Fe^{3+}/Fe^{2+} ratio on superparamagnetic behaviour of spin coated iron oxide thin films", IEEE Transactions on Magnetics, 50, 2014, 2200804 **1.422**
160. Shah SMH, Riaz S, Akbar A, Atiq S and Naseem S, "Effect of solvents on the ferromagnetic behaviour of undoped $BiFeO_3$ prepared by sol-gel", IEEE Transactions on Magnetics, 50, 2014, 2200904 **1.422**
161. Shah SMH, Akbar A, Riaz S, Atiq S and Naseem S, "Magnetic, structural and dielectric properties of $Bi_{1-x}K_xFeO_3$ thin films using sol-gel method", IEEE Transactions on Magnetics, 50, 2014, 2201004 **1.422**
162. Bashir M, Riaz S and Naseem S, "Magnetic properties of Fe_3O_4 stabilized zirconia", IEEE Transactions on Magnetics, 50, 2014, 2201104 **1.422**
163. Akbar A, Riaz S, Ashraf R and Naseem S, "Magnetic and magnetization properties of Co-doped Fe_2O_3 thin films", IEEE Transactions on Magnetics, 50, 2014, 2201204 **1.422**
164. Riaz S, Shah SMH, Akbar A, Kayani ZN and Naseem S, "Effect of Bi/Fe ratio on the structural and magnetic properties of $BiFeO_3$ thin films by sol-gel", IEEE Transactions on Magnetics, 50, 2014, 2201304 **1.422**
165. Riaz S, Azam M, Ashraf R and Naseem S, "Magnetic and magnetization properties of iron aluminium oxide thin films prepared by sol-gel", IEEE Transactions on Magnetics, 50, 2014, 2201404 **1.422**
166. Riaz S, Ashraf R, Akbar A and Naseem S, "Microwave assisted iron oxide nanoparticles – structural and magnetic properties", IEEE Transactions on Magnetics, 50, 2014, 2201504 **1.422**
167. Riaz S, Akbar A and Naseem S, "Controlled nanostructuring of multiphase core-shell iron oxide nanoparticles", IEEE Transactions on Magnetics, 50, 2014, 2300204 **1.422**
168. Riaz S, Ashraf R, Akbar A and Naseem S, "Free growth of iron oxide nanostructures by sol-gel spin coating technique – structural and magnetic properties", IEEE Transactions on Magnetics, 50, 2014, 2301805 **1.422**

169. Kayani ZN, Afzal A, Saleemi F, Riaz S and Naseem S, "Structural, optical and magnetic properties of cobalt doped dip coated ZnO films", IEEE Transactions on Magnetics, 50, 2014, 2401104 **1.422**
170. Ashraf R, Riaz S, Bashir M, Khan U and Naseem S, "Structural and magnetic properties of Mn/Fe co-doped ZnO thin films prepared by sol-gel technique", IEEE Transactions on Magnetics, 50, 2014, 2401204 **1.422**
171. Batool A, Kanwal F, Abbas A, Riaz S and Naseem S, "Novel method to synthesize highly conducting polyanalyne-nickle sulphide nanocomposite films and the study of their structural, magnetic and electrical properties", IEEE Transactions on Magnetics, 50, 2014, 2900204 **1.422**
172. Riaz S, Bashir M and Naseem S, "Iron oxide nanoparticles prepared by modified co-precipitation method", IEEE Transactions on Magnetics, 50, 2014, 4003304 **1.422**
173. Islam S, Rahman R, Othaman Z, Riaz S and Naseem S, "Synthesis and characterization of hybrid matrix with encapsulated organic sensing dyes for pH sensing application", Journal of Industrial and Engineering Chemistry, 20, 2014, 4408 **2.145**
174. Ullah K, Riaz S, Habib M, Abbas F, Naseem S and Abbas G, "Effect of high temperature on the impact ionization of n-channel fully depleted SOI MOSFET", International Journal of Engineering Works, 1, 2014, 48
175. Kayani ZN, Riaz S and Naseem S, "Structural and magnetic properties of the thin film of cobalt nitride", Surf. Rev. Lett., 21, 2014, 1450081 **0.300**
176. Farooq M, Alam S, Imran A, Naseem S and Shaukat SF, "Comparative study of tribological properties of thermal barrier coatings on mild steel and stainless steel substrates", Journal of Faculty of Engineering & Technology, 21, 2014, 92
177. Zia R, Saleemi F, Naseem S and Kayani Z, "Study the efficiency of single crystal CdTe/ZnCdS solar cell at various temperatures and illumination levels", Energy Reports, 1, 2015, 58
178. Ullah K, Riaz S, Habib M, Abbas F, Naseem S, Shah I and Bukhtiar A, "Effect of channel doping concentration on the impact ionization of n-channel fully depleted SOI MOSFET", International Journal of Engineering Works, 2, 2015, 1
179. Kayani ZN, Umer M, Riaz S and Naseem S, "Characterization of copper oxide nanoparticles fabricated by the sol-gel method", Journal of Electronic Materials, 44, 2015, 3704 **1.798**
180. Faiz H, Siraj K, Rafique MS, Naseem S and Anwar AW, "Effect of Zn induced compressive stresses on different properties of copper oxide thin films", Indian Journal of Physics, 89, 2015, 353 **1.377**
181. Zafar N, Shamaila S, Sharif R, Wali H, Naseem S, Riaz S and Khaleeq-ur-Rahman M, "Effects of pH on the crystallographic structure and magnetic properties of electro-deposited Co nano-wires", J. Magn. Magn. Mater., 377, 2015, 215 **1.970**
182. Kayani ZN, Kiran F, Riaz S, Zia R and Naseem S, "Dip coated nickel zinc oxide thin films: structural, optical and magnetic investigations", Superlattices and Microstructures, 77, 2015, 171 **2.097**
183. Akhtar MS, Malik MA, Riaz S and Naseem S, "Optimising conditions for the growth of nanocrystalline ZnS thin films from acidic chemical baths", Materials Science in Semiconductor Processing, 30, 2015, 292 **1.955**

184. Akhtar MS, Alghamdi YG, Malik MA, Khalil MRA, Riaz S and Naseem S, "Structural, optical, magnetic and half-metallic studies of cobalt doped ZnS thin films deposited via chemical bath deposition", *J. Mater. Chem. C*, 3, 2015, 6755 **5.066**
185. Sadiq I, Naseem S, Rana MU, Ashiq MN and Ali I, "Temperature dependent magnetic and microwave absorption properties of doubly substituted nanosized material", *J. Magn. Magn. Mater.*, 385, 2015, 236 **1.970**
186. Farooq M, Imran A, Alam S, Naseem S, Riaz S and Shaukat SF, "Friction and wear assessment of yttria stabilised zirconia thermal barrier coatings produced by plasma spraying method", *Journal of Faculty of Engineering & Technology*, 22, 2015, 1
187. Bari B, Honey S, Morgan M, Ishaq A, Khan R, Arshad M, Alamgir K, Naseem S and Maaza M, "MeV Carbon ion irradiation-induced changes in the electrical conductivity of silver nanowire networks", *Current Applied Physics*, 15, 2015, 642 **2.212**
188. Kayani ZN, Nazir F, Riaz S and Naseem S, "Structural, optical and magnetic properties of manganese zinc oxide thin films prepared by sol-gel dip coating method", *Superlattices and Microstructures*, 82, 2015, 472 **2.097**
189. Gilani ZA, Warsi MF, Anjum MN, Shakir I, Naseem S, Riaz S, Khan MA, "Structural and electromagnetic behavior evaluation of Nd-doped lithium-cobalt nanocrystals for recording media applications", *Journal of Alloys and Compounds*, 639, 2015, 268 **2.999**
190. Riaz S, Bashir M and Naseem S, "Synthesis of stabilized zirconia hollow nanoparticles: sugar as a template", *J. Sol-Gel Sci. Technol.*, 74, 2015, 275 **1.532**
191. Bashir M, Riaz S and Naseem S, "Fe₃O₄ stabilized zirconia: structural, mechanical and optical properties", *J. Sol-Gel Sci. Technol.*, 74, 2015, 281 **1.532**
192. Bashir M, Riaz S, Kayani ZN and Naseem S, "Effects of the organic additives on dental zirconia ceramics: structural and mechanical properties", *J. Sol-Gel Sci. Technol.*, 74, 2015, 290 **1.532**
193. Riaz S and Naseem S, "Controlled nanostructuring of TiO₂ nanoparticles: a sol-gel approach", *J. Sol-Gel Sci. Technol.*, 74, 2015, 299 **1.532**
194. Majid F, Riaz S and Naseem S, "Microwave-assisted sol-gel synthesis of BiFeO₃ nanoparticles", *J. Sol-Gel Sci. Technol.*, 74, 2015, 310 **1.532**
195. Akbar A, Riaz S, Ashraf R and Naseem S, "Magnetic and magnetization properties of iron oxide thin films by microwave assisted sol-gel route", *J. Sol-Gel Sci. Technol.*, 74, 2015, 320 **1.532**
196. Riaz S, Shah SMH, Akbar A, Atiq S and Naseem S, "Effect of Mn doping on structural, dielectric and magnetic properties of BiFeO₃ thin films", *J. Sol-Gel Sci. Technol.*, 74, 2015, 329 **1.532**
197. Azam M, Riaz S, Akbar A and Naseem S, "Structural, magnetic and dielectric properties of spinel MgFe₂O₄ by sol-gel route", *J. Sol-Gel Sci. Technol.*, 74, 2015, 340 **1.532**
198. Ghafoor I, Siddiqi SA, Atiq S, Riaz S and Naseem S, "Sol-gel synthesis and investigation of structural, electrical and magnetic properties of Pb doped La_{0.1}B_{10.9}FeO₃ multiferroics", *J. Sol-Gel Sci. Technol.*, 74, 2015, 352 **1.532**
199. Islam S, Rahman R, Riaz S, Naseem S and Ottoman Z, "Structural and dielectric properties of boron doped and un-doped mullite thin films", *J. Sol-Gel Sci. Technol.*, 74, 2015, 368 **1.532**

200. Sadiq I, Khan I, Rebrov EV, Ashiq MN, Naseem S, Shakir I and Rana MU, "Influence of Sm-Mn substitution on structural, dielectric and electrical properties of x-type hexagonal nanoferrites", *J. Chem. Soc. Pak.*, 37, 2015, 33 **0.345**
201. Akhtar MS, Malik MA, Riaz S and Naseem S, "Room temperature ferromagnetism and half metallicity in nickel doped ZnS: Experimental and DFT studies", *Materials Chemistry and Physics*, 160, 2015, 440 **2.259**
202. Hassan A, Khan MA, Shahid M, Asghar M, Shakir I, Naseem S, Riaz S, Warsi MF, "Nanocrystalline $Zn_{1-x}Co_{0.5x}Ni_{0.5x}Fe_2O_4$ ferrites: Fabrication via co-precipitation route with enhanced magnetic and electrical properties", *J. Mag. Mag. Mater.*, 393, 2015, 56 **1.970**
203. Haq BU, Afaq A, Abdellatif G, Ahmed R, Naseem S and Khenata R, "First principles study of scandium nitride and yttrium nitride alloy system: prospective material for optoelectronics", *Superlattices and Microstructures*, 85, 2015, 24 **2.097**
204. Honey S, Khan S, Iqbal J, Madhuku M, Ishaq A, Naseem S, Maaza M, "Protons irradiation induced coalescence of silver nanowires", *Current Nanoscience*, 11, 2015, 792 **1.096**
205. Akhtar MS, Malik MA, Alghamdi YG, Ahmad KS, Riaz S and Naseem S, "Chemical bath deposition of Fe-doped ZnS thin films: Investigations of their ferromagnetic and half-metallic properties", *Materials Science in Semiconductor Processing*, 39, 2015, 283 **1.955**
206. Islam S, Rahman RA, Othaman ZB, Riaz S and Naseem S, "Synthesis and characterization of multilayered sol-gel based plastic-clad fiber optic pH sensor", *Journal of Industrial and Engineering Chemistry*, 23, 2015, 140 **3.512**
207. Butt MZ, Khaleeq-ur-Rahman M, Ali D, Akmal A and Naseem S, "Deposition and characterization of multilayer DLC:Mo thin films grown on silicon substrate by off-axis pulsed laser deposition technique", *Appl. Surf. Sci.*, 331, 2015, 407 **2.711**
208. Islam S, Bidin N, Riaz S, Rahman RA, Naseem S and Marsin FM, "Mesoporous SiO_2 - TiO_2 nanocomposite For pH sensing", *Sensors and Actuators B – Chemical*, 221, 2015, 993 **4.097**
209. Shehla H, Ali A, Zongo S, Javed I, Ishaq A, Khizar H, Naseem S and Maaza M, "Fabrication of amorphous silver nanowires by helium ion beam irradiation", *Chin. Phys. Lett.*, 32, 2015, 096101 **0.947**
210. Kayani ZN, Iqbal N, Riaz S, Zia R and Naseem S, "Fabrication and properties of zinc oxide thin films prepared by sol-gel dip coating method", *Mater. Sci.-Poland*, 33, 2015, 515 **0.327**
211. Sadiq I, Naseem S, Ashiq MN, Iqbal MA, Ali I, Khan MA, Niaz S and Rana MU, "Spin canting effect and microwave absorption properties of Sm-Mn substituted nanosized material", *J. Magn. Magn. Mater.*, 395, 2015, 159 **1.970**
212. Nadeem M, Ahmed M, Saeed MA, Shaari A, Riaz S, Naseem S and Rashid K, "Uptake and clearance analysis of technetium^{99m} labelled iron oxide nanoparticles in a rabbit brain", *IET Nanobiotechnology*, 9, 2015, 136 **1.723**
213. Shah SMH, Riaz S, Atiq S, Mahmood A, Ramay SM and Naseem S, "BiFeO₃ thin films – structural and dielectric properties", *Sci. Inter.*, 27, 2015, 3077
214. Shah SMH, Riaz S, Atiq S, Mahmood A, Ramay SM and Naseem S, "Structural and dielectric properties of La doped BiFeO₃ thin films", *Sci. Inter.*, 27, 2015, 3081
215. Ansar MZ, Atiq S, Riaz S, Naseem S, Ramay SM and Mahmood A, "Synthesis and investigating the magnetic properties of magnetite nanocrystals for drug delivery", *Mod. Phys. Lett. – B*, 29, 2015, 1550122 **0.746**

216. Sadiq I, Naseem S, Ashiq MN, Khan MA, Niaz S and Rana MU, "Structural and dielectric properties of doped ferrite nanomaterials suitable for microwave and biomedical applications", *Prog. Nat. Sci.: Mater. Inter.*, 25, 2015, 419 **1.873**
217. Kanwal F, Batool A, Adnan M and Naseem S, "The effect of molecular structure, band gap energy and morphology on the dc electrical conductivity of polyaniline/aluminium oxide composites", *Materials Research Innovations*, 19, 2015, 354 **0.830**
218. Munir T, Raza W, Naseem S and Abbas F, "Switching performance of normally-off 4H-SiC TI-VJFET", *Optoelectronics and Advanced Materials – Rapid Communications*, 2, 2015, 5634 **0.39**
219. Khan U, Adeela N, Javed K, Riaz S, Ali H, Iqbal M, Han XF and Naseem S, "Influence of cobalt doping on structural and magnetic properties of BiFeO₃ nanoparticles", *Journal of Nanoparticle Research*, 17, 2015, 429 **2.184**
220. Shah IA, Abbas T, Ullah Z, Hassan NU, Rauf A, Ullah K and Naseem S, "Sintering effects on structural and magnetic behaviours of NdFeB magnets", *Armenian Journal of Physics*, 8, 2015, 185
221. Amir M, Atiq S, Mustafa GM, Riaz S and Naseem S, "Effect of Ba-substitution at Sr-site on the structural and dielectric characteristics of SrMnO₃", *The Nucleus*, 52, 2015, 155
222. Abbas K, Atiq S, Riaz S and Naseem S, "Dielectric and magnetic characterization of sol-gel synthesized SrMnO₃ perovskite", *The Nucleus*, 52, 2015, 200
223. Azam M, Atiq S, Mustafa GM, Riaz S and Naseem S, "Dielectric characterization of XAl₂O₄ (X=Mg, Zn, Ni) spinel ceramics", *The Nucleus*, 52, 2015, 204
224. Riaz S, Bashir M, Raza MA, Mahmood A and Naseem S, "Effect of calcination on structural and magnetic properties of Co-doped ZnO nanostructures", *IEEE Trans. Magn.*, 51, 2015, 2400804 **1.386**
225. Khalid M, Riaz S, Khan JK, Mustafa G and Naseem S, "Optimization of breakdown voltage characteristics in normally-off 4H-SiC VJFET using Sentaurus TCAD simulation", *Sci. Inter.*, 27, 2015, 4019
226. Shehla H, Ishaq A, Khan Y, Javed I, Riaz S, Naseem S and Maaza M, "Ion beam irradiation-induced nano-welding of Ag nanowires", *Micro and Nano Letters*, 11, 2016, 34 **0.8**
227. Islam S, Bidin N, Haider Z, Riaz S, Naseem S, Saeed MA and Marsin FM, "Sol-gel based single and multilayer nanoparticle thin films on low temperature substrate poly-methyl-methacrylate for optical applications", *J. Sol-Gel Sci. Technol.*, 77, 2016, 396 **1.53**
228. Sadiq I, Naseem S, Ashiq MN, Khan MA, Niaz S and Rana MU, "Tunable microwave absorbing nano-material for X-band applications", *J. Magn. Magn. Mater.*, 401, 2016, 63 **1.97**
229. Islam S, Bidin N, Riaz S, Naseem S and Marsin FM, "Correlation between structural and optical properties of surfactant assisted sol-gel based mesoporous SiO₂-TiO₂ hybrid nanoparticles for pH sensing/optochemical sensor", *Sensors and Actuators B - Chemicals*, B225, 2016, 66 **4.1**
230. Islam S, Bidin N, Riaz S, Krishnan G and Naseem S, "Sol-gel based fiber optic pH nanosensor: Structural and sensing properties", *Sensor and Actuators A: Physical*, 238, 2016, 8 **1.903**

231. Khan MF, Siraj K, Anwar MS, Irshad M, Hussain J, Faiz H, Majeed S, Dosmailov M, Patek J, Pedarnig JD, Rafique MS and Naseem S, “700 keV Ni⁺² ions induced modification in structural, surface, magneto-optic and optical properties of ZnO thin films”, *Nuc. Inst. Meth. Phys. Res. B*, 368, 2016, 45 **1.124**
232. Kayani ZN, Munir A, Riaz S and Naseem S, “Structural, optical and magnetic properties of aluminum doped MnZnO films deposited by dip coating”, *J. Alloys and Compounds*, 662, 2016, 489 **2.73**
233. Islam S, Bidin N, Riaz S and Naseem S, “Sol-gel based phenolphthalein encapsulated heterogeneous silica-titania optochemical pH nanosensor”, *Journal of Industrial and Engineering Chemistry*, 34, 2016, 258 **3.51**
234. Zia R, Saleemi F and Naseem S, “Optical properties of thermally evaporated CdTe thin films by varying substrate temperature”, *Optik - International Journal for Light and Electron Optics*, 127, 2016, 1972 **0.677**
235. Islam S, Bidin N, Riaz S and Naseem S, “Structural and optical properties of surfactant assisted SiO₂-TiO₂ hybrid matrix for pH sensing: Sol-Gel approach”, *Jurnal Teknologi*, 78, 2016, 211
236. Honey S, Naseem S, Ishaq A, Maaza M, Bhatti MT and Wan D, “Large scale silver nanowires network fabricated by MeV hydrogen (H⁺) ion beam irradiation”, *Chin. Phys. – B*, 25, 2016, 046105 **1.603**
237. Khan U, Adeela N, Wan CH, Irfan M, Naseem S, Riaz S, Iqbal M and Han XF, “Response of iron oxide on hetero-nanostructures of soft and hard ferrites”, *Superlattices and Microstructures*, 92, 2016, 374 **2.10**
238. Zawar S, Atiq S, Riaz S and Naseem S, “Correlation between particle size and magnetic characteristics of Mn-substituted ZnFe₂O₄ ferrites”, *Superlattices and Microstructures*, 93, 2016, 50 **2.10**
239. Zia R, Saleemi F, Naseem S and Riaz M, “Improve the efficiency of CdTe/Zn_xCd_{1-x}S all thin film solar cell by annealing”, *Optik - International Journal for Light and Electron Optics*, 127, 2016, 4502 **0.677**
240. Kayani ZN, Saleem Z, Riaz S, Naseem S and Saleemi F, “Deposition of porous titanium oxide thin films as anti-fogging and anti-reflecting medium”, *Optik - International Journal for Light and Electron Optics*, 127, 2016, 5124 **0.677**
241. Shehla H, Thema FT, Bhatti MT, Ishaq A, Naseem S and Maaza M, “Influence of kilo-electron-volt oxygen ion irradiation on structural, electrical and optical properties of CdTe thin films”, *Surf. Rev. Lett.*, 23, 2016, 1550085 **0.38**
242. Shamaila S, Zafar N, Riaz S, Sharif R, Nazir J and Naseem S, “Gold nanoparticles: An efficient antimicrobial agent against enteric bacterial human pathogen”, *Nanomaterials*, 6, 2016, 71 **2.690**
243. Nairan A, Khan U, Iqbal M, Khan M, Javed K, Riaz S and Naseem S, “Temperature-dependent magnetic response of antiferromagnetic doping in cobalt ferrite nanostructures”, *Nanomaterials*, 6, 2016, 73 **2.690**
244. Raza MA, Kanwal Z, Rauf A, Sabri AN, Riaz S and Naseem S, “Size and shape dependent antibacterial studies of silver nanoparticles synthesized by wet chemical routes”, *Nanomaterials*, 6, 2016, 74 **2.690**
245. Atiq S, Ramay SM, Mahmood A, Riaz S and Naseem S, “Structural and magnetic properties of chemically synthesized Pd-modified NiFe₂O₄ nanoparticles”, *Chin. J. Chem. Phys.*, 29, 2016, 245 **0.50**

246. Sadiq I, Naseem S, Riaz S, Khan HM, Ashiq MN, Hussain SS and Rana M, "Enhanced microwave absorption properties of CTAB assisted Pr-Cu substituted nanomaterial", *J. Mag. Mater.*, 414, 2016, 198 **1.97**
247. Nadeem M, Ahmad M, Akhtar MS, Shaari A, Riaz S, Naseem S, Masood M and Saeed MA, "Magnetic Properties of Polyvinyl Alcohol and Doxorubicine Loaded Iron Oxide Nanoparticles for Anticancer Drug Delivery Applications", *PloS One*, 11, 2016, e0158084 **3.23**
248. Islam S, Bidin N, Riaz S, Naseem S, Sanagi MM and Imran M, "Multilayer crack-free hybrid coatings for functional devices", *Journal of Nanophotonics*, 10, 2016, 026026 **1.686**
249. Faiz H, Siraj K, Khan MF, Irshad M, Majeed S, Rafique MS and Naseem S, "Microstructural and optical properties of dysprosium doped copper oxide thin films fabricated by pulsed laser deposition technique", *J. Mat. Sci.: Mat. Elec.*, 27, 2016, 8197 **1.569**
250. Shehla H, Ishaq A, Ali A, Thema FT, Javed I, Wang D, Rauf K, Nasir K, Naseem S and Maaza M, "Silver nanowires stability and burying into substrates under MeV proton irradiation", *Current Nanoscience*, 12, 2016, 1 **1.096**
251. Dilshad M, Nazim S, Warsi MF, Shahid M, Naseem S, Riaz S, Shakir I, Haider S and Khan MA, "Fabrication and characterization of $Ni_{1+x}Zr_xFe_{2-2x}O_4$ nanoparticles for potential applications in high frequency devices", *Ceramics International*, 42, 2016, 16359 **2.758**
252. Adeela N, Khan U, Iqbal M, Riaz S, Irfan M, Ali H, Javed K, Bukhtiar I, Khan M and Naseem S, "Structural and magnetic response of Mn substituted Co₂ Y-type barium hexaferrites", *Journal of Alloys and Compounds*, 686, 2016, 1017 **3.000**
253. Riaz S, Rehman SU, Abutalib M and Naseem S, "Structural, optical and dielectric properties of lower temperature synthesized aluminum oxide nanofibers – A Sol-Gel approach", *Journal of Electronic Materials*, 45, 2016, 5185 **1.491**
254. Shafqat MB, Arif O, Atiq S, Saleem M, Ramay SM, Mahmood A and Naseem S, "Influence of sintering temperature on structural, morphological and magnetic properties of barium hexaferrite nanoparticles", *Mod. Phys. Lett. – B*, 30, 2016, 1650254 **0.687**
255. Islam S, Bidin N, Riaz S, Suan LP, Naseem S and Sanagi MM, "Mesoporous nanocomposite coatings for photonic devices: sol-gel approach", *Appl. Phys. A*, 122, 2016, 935 **1.444**
256. Hashmi JZ, Siraj K, Naseem S and Shaukat S, "Dopant-induced modifications in structural and optical properties of ZnO thin films prepared by PLD", *Mater. Res. Exp.*, 3, 2016, 096402 **0.968**
257. Siraj K, Kanwal M, Saleem S, Pedarnig JD, Rafique MS and Naseem S, "Electron beam fracturing of ZnO nanostructures and modification in optical bandgap", *Indian Journal of Physics*, 90, 2016, 1431 **1.377**
258. Khalid A, Ali M, Mustafa GM, Atiq S, Ramay SM, Mahmood A and Naseem S, "Structural and dielectric properties of sol-gel synthesized (Mn, Cu) co-doped BiFeO₃ ceramics", *J. Sol-Gel Sci. Technol.*, 80, 2016, 814 **1.530**
259. Adeela N, Khan U, Iqbal M, Riaz S, Ali H, Khan M and Naseem S, "Magnetic and dielectric investigations of Mn-doped Ba hexaferrite nanoparticles by hydrothermal approach", *Journal of Electronic Materials*, 45, 2016, 5853 **1.798**
260. Baig MK, Atiq S, Bashir S, Soleimani H, Yahya N, Riaz S and Naseem S, "Pulsed laser deposition of SmCo thin films for MEMS applications", *Journal of Applied Research and Technology*, 14, 2016, 287

261. Shehla H, Ishaq A, Khan Y, Iqbal J, Riaz S, Naseem S and Maaza M, "Ion beam irradiation-induced nano-welding of Ag nanowires", *Micro & Nano Letters*, 11, 2016, 34 **0.853**
262. Zia R, Saleemi F, Riaz M and Naseem S, "Structural and optoelectrical properties of ZnTe thin films prepared by e-beam evaporation", *Journal of Electronic Materials*, 45, 2016, 4762 **1.800**
263. Ahmad Z, Atiq S, Abbas SK, Ramay SM, Riaz S and Naseem S, "Structural and complex impedance spectroscopic studies of Mg-substituted CoFe_2O_4 ", *Ceramics International*, 42, 2016, 18271 **2.758**
264. Shafiq MS, Furqan M, Atiq S, Saleem M, Riaz S and Naseem S, "Carriers mediated magnetic and impedance spectroscopic analyses of sol-gel synthesized $\text{Zn}_{0.95-x}\text{Mn}_x\text{Fe}_{0.05}\text{O}$ ($0 \leq x \leq 0.05$) DMSs", *J. Sol-Gel Sci. Technol.*, 79, 2016, 535 **1.530**
265. Islam S, Bidin N, Riaz S, Krishnan G, Daud S, Naseem S and Marsin F, "Sol-gel based optically active phenolphthalein encapsulated nanomatrices for sensing application", *J. Sol-Gel Sci. Technol.*, 79, 2016, 616 **1.530**
266. Afzal A, Atiq S, Saleem M, Ramay SM, Naseem S and Siddiqi SA, "Structural and magnetic phase transition of sol-gel-synthesized Cr_2O_3 and MnCr_2O_4 nanoparticles", *J. Sol-Gel Sci. Technol.*, 80, 2016, 96 **1.530**
267. Khalid A, Atiq S, Ramay SM, Mahmood A, Mustafa GM, Riaz S and Naseem S, "Magneto-electric characteristics in (Mn, Cu) co-doped BiFeO_3 multiferroic nanoparticles", *Journal of Materials Science – Materials in Electronics*, 27, 2016, 8966 **1.798**
268. Islam S, Bidin N, Riaz S, Naseem S and Sanagi MM, "Low temperature sol-gel based erbium doped mullite nanoparticles: Structural and optical properties", *Journal of the Taiwan Institute of Chemical Engineers*, 70, 2017, 366 **2.848**
269. Islam S, Bidin N, Osman SS, Krishnan G, Salim AA, Riaz S, Lau PS, Naseem S and Sanagi MM, "Synthesis and characterization of Ni NPs doped silica-titania nano-composites: structural, optical and photocatalytic properties", *Applied Physics A*, 123, 2017, 67 **1.444**
270. Akhtar MS, Riaz S, Mehmood RF, Ahmad KS, Alghamdi Y, Malik A and Naseem S, "Surfactant and template free synthesis of porous ZnS nanoparticles", *Materials Chemistry and Physics*, 189, 2017, 28 **2.101**
271. Atiq S, Majeed M, Ahmad A, Abbas SK, Saleem M, Riaz S and Naseem S, "Synthesis and investigation of structural, morphological, magnetic, dielectric and impedance spectroscopic characteristics of Ni-Zn ferrite nanoparticles", *Ceramics International*, 43, 2017, 2486 **2.758**
272. Azam M, Adeela N, Khan U, Riaz S, Iqbal M and Naseem S, "Structural and magnetic investigations of Cr substituted NiFe_2O_4 nanostructures", *Journal of Alloys and Compounds*, 698, 2017, 228 **3.014**
273. Hassan M, Irfan R, Riaz S, Naseem S, Hussain SS and Murtaza G, "Structural and morphological properties of $\text{Zn}_{1-x}\text{Zr}_x\text{O}$ with room-temperature ferromagnetism and fabricated by using co-precipitation technique", *Journal of the Korean Physical Society*, 70, 2017, 460 **0.445**
274. Abbas SK, Aslam MA, Amir M, Atiq S, Ahmed Z, Siddiqi SA and Naseem S, "Electrical impedance functionality and spin orientation transformation of nanostructured Sr-substituted BaMnO_3 hexagonal", *Journal of Alloys and Compounds*, 712, 2017, 720 **3.014**
275. Parveen B, Hassan M, Atiq S, Riaz S, Naseem S and Zaman S, "Structural, dielectric and ferromagnetic properties of nano-crystalline Co-doped SnS", *Journal of Materials Science*, 52, 2017, 7369 **2.302**

276. Islam S, Bidin N, Saeed MA, Riaz S, Bakar MAA, Naseem S, Abbas KN and Sanagi MM, "Synthesis and characterization of room temperature sol-gel assisted transparent tin-doped magnesium oxide nanoparticles' protective coating", *J. Sol-Gel. Sci. Technol.*, 81, 2017, 623 **1.53**
277. Kayani ZN, Shah I, Riaz S and Naseem S, "Effect of Co doping on the physical properties of Co-doped ZnO nanoparticles", *J. Mater. Sci.: Mater. Electr.*, 28, 2017, 5953 **1.798**
278. Kayani ZN, Naz F, Riaz S and Naseem S, "Characteristics of Al-doped ZnO:Ni films grown on glass by sol-gel dip coating technique", *J. Saudi Chem. Soc.*, 21, 2017, 425 **2.523**
279. Kayani ZN, Raiz S and Naseem S, "Study of nickel nitride thin films deposited by sol-gel route", *Trans. Ind. Inst. Metals*, 70, 2017, 1097 **0.62**
280. Assi H, Atiq S, Ramay SM, Alzayed NS, Saleem M, Riaz S and Naseem S, "Substituted Mg-Co-Nanoferrite: recyclable magnetic photocatalyst for the reduction of methylene blue and degradation of toxic dyes", *J. Mater. Sci.: Mater. Electr.*, 28, 2017, 2250 **1.798**
281. Abbas SK, Atiq S, Riaz S and Naseem S, "Thermally activated variations in conductivity and activation energy in SrMnO₃", *J. Mater. Sci.: Mater. Electr.*, 28, 2017, 7171 **1.798**
282. Honey S, Naseem S, Ishaq A, Maaza M, Bhatti MT and Madhuku M, "Interconnections between Ag-NWs build by argon ions beam irradiation", *Journal of Nanomaterials and Molecular Technology*, 6, 2017, 1000213 **1.06**
283. Parveen B, Hassan M, Khalid Z, Riaz S and Naseem S, "Room-temperature ferromagnetism in Ni-doped TiO₂ diluted magnetic semiconductor thin films", *J. Appl. Res. Technol.*, 15, 2017, 132
284. Hassan M, Younas S, Sher F, Hussain SS, Riaz S and Naseem S, "Room temperature ferromagnetism in single-phase Zn_{1-x}Mn_xS diluted magnetic semiconductors fabricated by co-precipitation technique", *Applied Physics – A*, 123, 2017, 352 **1.444**
285. Rauf A, Shah SSA, Rakha SA, Gull M, Ahmad I, Ullah Z, Shah IA and Naseem S, "Inducing the magnetic character in reduced graphene oxide through incorporation of Fe₂O₃ nanoparticles", *Int. J. Mod. Phys. B, O*, 2017, 1750118
286. Sadiq I, Naseem S, Riaz S, Hussain SS, Khan HM, Ashiq MN and Rana M, "Study of structural, magnetic and microwave absorption properties of Dy-Mn substituted nanosized material in X-band frequency range", *Journal of Alloys and Compounds*, 715, 2017, 284 **3.014**
287. Kayani ZN, Ishaque R, Zulfiqar B, Riaz S and Naseem S, "Fabrication and characterization of nanocrystalline Al, Co:ZnO thin films by a sol-gel dip coating", *Optical and Quantum Electronics*, 49, 2017, 223 **1.29**
288. Ashraf R, Mahmood T, Riaz S and Naseem S, "Study of the structural and electronic properties of FeO at the LDA and GGA level", *Chin. J. Phys.*, 55, 2017, 1135 **0.514**
289. Honey S, Ishaq A, Naseem S, Madhuku M, Maaza M and Kennedy J, "Nickel nanowires mesh fabricated by ion beam irradiation-induced nanoscale welding for transparent conducting electrodes", *Materials Research Express*, 4, 2017, 075042 **1.068**
290. Ishaq A, Honey S, Ali NZ, Akram W, Shakil K, Dialio A, Naseem S and Maaza M, "Improvement of optical transmittance and electrical conductivity of silver nanowires by Cu ion beam irradiation", *Materials Research Express*, 4, 2017, 075055 **1.068**
291. Majeed S, Siraj K, Naseem S, Khan M, Irshad M, Faiz H and Mahmood A, "Structural and optical properties of gold incorporated diamond like carbon thin films deposited by r.f. magnetron sputtering", *Materials Research Express*, 4, 2017, 076403 **1.068**

292. Parveen B, Hassan M, Atiq S, Riaz S, Naseem S and Toseef MA, "Structural and dielectric study of nano-crystalline single phase $\text{Sn}_{1-x}\text{Ni}_x\text{S}$ ($x_{\text{Ni}}=0-10\%$) showing room temperature ferromagnetism", *Prog. Nat. Sci.: Materials International*, 27, 2017, 303 **1.753**
293. Asif A, Hassan M, Riaz S, Naseem S and Hussain SS, "Effects of Zr substitution on structural, morphological, and magnetic properties of bismuth iron oxide phases", *Chinese Physics B*, 26, 2017, 087502 **1.223**
294. Hussain T, Junaid M, Atiq S, Abbas SK, Ramay SM, Alrayes BF and Naseem S, "Tunable dielectric behavior and energy band gap range of ZnAl_2O_4 ceramics mediated by Mg substitution", *Journal of Alloys and Compounds*, 724, 2017, 940 **3.014**
295. Abid A, Hassan M, Hussain SS, Riaz S and Naseem S, "Temperature-dependent phase formation, surface morphological and magnetic studies of bismuth iron oxide grown by co-precipitation method", *J. Supercond. Nov. Mag.*, 30, 2017, 2549 **1.100**
296. Arshad MS, Mushtaq N, Naseem S, Atiq S, Ahmed Z, Ali R, Abbas G and Raza R, "Nickel foam anode-supported solid oxide fuel cells with composite electrolytes", *International Journal of Hydrogen Energy*, 42, 2017, 22288 **3.582**
297. Kayani ZN, Kausar T, Riaz S and Naseem S, "Effect of aluminum doping concentration on optical, magnetic and microstructural properties of MnZnO thin films", *Optik – International Journal for Light and Electron Optics*, 144, 2017, 172 **0.677**
298. Kayani ZN, Siddiq M, Riaz S and Naseem S, "Optical, magnetic and structural properties of Cr-doped ZnO thin films by sol-gel dip-coating method", *Materials Research Express*, 4, 2017, 096403 **1.068**
299. Abbas SK, Atiq S, Riaz S, Ramay SM and Naseem S, "Thermally assisted electro-active regions in SrMnO_3 ceramics", *Materials Chemistry and Physics*, 200, 2017, 128 **2.084**
300. Hanif S, Hassan M, Riaz S, Atiq S, Hussain SS, Naseem S and Murtaza G, "Structural, magnetic, dielectric and bonding properties of BiMnO_3 grown by co-precipitation technique", *Results in Physics*, 7, 2017, 3190 **0.946**
301. Islam S, Bidin N, Riaz S and Naseem S, "Self-assembled hierarchical phelphathelein encapsulated silica nanoparticles: structural, optical and sensing response", *Sensors and Actuators – A*, 266, 2017, 111 **2.499**
302. Zahra A, Mahmud T, Tahir MN, Shad HA, Rehman H and Naseem S, "Synthesis, characterization and magnetic studies of dysprosium complex, $[\text{Dy}_2(\text{TEA})_2(\text{O}_2\text{CPh})_4 \cdot 2\text{H}_2\text{O}]$ ", *Journal of Chemical Crystallography*, 47, 2017, 151 **0.549**
303. Kayani ZN, Naqvi SS, Riaz S, Naseem S and Iram S, "Influence of annealing temperature on the structural, optical, and magnetic properties of two-phase MnZnO_x ($x = 1, 3$) thin films grown by a sol-gel method", *J. Aus. Cer. Soc.*, 53, 2017, 863 **0.744**
304. Zahid M, Islam MU, Awan MS, Ashiq MN, Naseem S, Ali I, Iftikhar A, Ahmad M and Kamran Z, "Effect of dysprosium on structural and physical properties of $\text{Ba}_2\text{NiCoFe}_{12}\text{O}_{22}$ Y-type hexaferrites", *J. Aus. Cer. Soc.*, 53, 2017, 875 **0.744**
305. Kayani ZN, Fatima G, Zulfiqar B, Riaz S and Naseem S, "Properties of NiZnO thin films with different amounts of Al doping", *Journal of Electronic Materials*, 46, 2017, 5764 **1.800**
306. Haris M, Atiq S, Abbas SM, Mehmood A, Ramay SM and Naseem S, "Acetylene black coated V_2O_5 nanocomposite with stable cyclability for lithium-ion batteries cathode", *Journal of Alloys and Compounds*, 732, 2018, 518 **3.014**
307. Arshad MS, Raza R, Ahmad MA, Abbas G, Ali A, Rafique A, Ullah MK, Rauf S, Asghar MI, Mushtaq N, Atiq S and Naseem S, "An efficient Sm and Ge co-doped ceria nanocomposite electrolyte for low temperature solid oxide fuel cells", *Ceramics International*, 44, 2018, 170 **2.758**

308. Mustafa GM, Atiq S, Abbas SK, Riaz S and Naseem S, "Tunable structural and electrical impedance properties of pyrochlores based Nd doped lanthanum zirconate nanoparticles for capacitive applications", *Ceramics International*, 44, 2018, 2170 **2.758**
309. Hassan M, Ghazanfar M, Arooj N, Riaz S, Hussain SS and Naseem S, "Structural, surface morphological and magnetic studies of $Zn_{1-x}Fe_xS$ ($x=0.00-0.10$) diluted magnetic semiconductors grown by co-precipitation method", *Surf. Rev. Lett.*, 25, 2018, 1850044 **0.38**
310. Kayani ZN, Shah I, Zulfiqar B, Riaz S, Naseem S and Sabah A, "Structural, optical and magnetic properties of nanocrystalline Co-Doped ZnO thin films grown by Sol-Gel", *Zeitschrift für Naturforschung A*, 73, 2018, 13 **1.432**
311. Islam S, Bakhtiar H, Bidin N, Saleem AA, Riaz S, Krishnan G and Naseem S, "Crack-free high surface area silica-titania nanocomposite coating as opto-chemical sensor Device", *Sensors and Actuators – A*, 270, 2018, 153 **2.499**
312. Islam S, Bidin N, Riaz S and Naseem S, "Synthesis of optically active bromophenolblue encapsulated mesoporous silica-titania nanomatrix: structural and sensing characteristics", *J. Sol-Gel Sci. Technol.*, 85, 2018, 231 **1.575**
313. Zaineb S, Atiq S, Mahmood A, Ramay SM, Riaz S and Naseem S, "Thermal tuning of electrical and dielectric characteristics of Mn-doped $Zn_{0.95}Fe_{0.05}O$ dilute magnetic semiconductors", *J. Mater. Sci.: Mater. Electr.*, 29, 2018, 3943 **1.798**
314. Mustafa GM, Atiq S, Saleem M, Naseem S, Parakkandy JM and Elsayed IA, "Structurally tuned multifunctional characteristics of Nd-substituted lanthanum zircona", *J. Mater. Sci.: Mater. Electr.*, 29, 2018, 6950 **1.798**
315. Mushtaq MW, Kanwal F, Imran M, Ameen N, Batool M, Batool A, Bashir S, Abbas SM, Rehman A, Riaz S, Naseem S and Ullah Z, "Synthesis of surfactant-coated cobalt ferrite nanoparticles for adsorptive removal of acid blue 45 dye", *Mater. Res. Exp.*, 5, 2018, 035058 **1.068**
316. Ullah Z, Riaz S, Li Q, Atiq S, Saleem M, Azhar M, Naseem S and Liu LW, "A comparative study of graphene growth by APCVD, LPCVD and PECVD", *Mater. Res. Exp.*, 5, 2018, 035606 **1.068**
317. Kayani ZN, Yasin N, Riaz S and Naseem S, "Investigation of Fe doping on the magnetic and optical properties of ZnO thin films", *Mater. Res. Exp.*, 5, 2018, 036418 **1.068**
318. Shaukat S, Khaleeq-ur-Rahman M, Ilyas U, Naseem S, Dildar IM, Latif A and Rawat RS, "Tailoring of optical band gap and electrical conductivity in a-axis oriented Ni doped chromium oxide thin films", *Ceramics International*, 44, 2018, 11187 **2.758**
319. Parveen B, Hassan M, Riaz S, Atiq S, Naseem S, Irfan M and Iqbal F, "Investigation of physical properties of SnS:Fe diluted magnetic semiconductor nanoparticles for spintronic applications", *J. Mag. Mag. Mater.*, 460, 2018, 111 **1.97**
320. Younis M, Saleem M, Atiq S and Naseem S, "Magnetic phase transition and magneto-dielectric analysis of spinel chromites: MCr_2O_4 ($M = Fe, Co$ and Ni)", *Ceramics International*, 44, 2018, 10229 **2.758**
321. Islam S, Bakhtiar H, Naseem S, Aziz MSB, Bidin N, Riaz S and Ali J, "Surface functionality and optical properties impact of phenol red dye on mesoporous silica matrix for fiber optic pH sensing", *Sensors and Actuators – A*, 276, 2018, 267 **2.499**

322. Islam S, Bakhtia H, Bidin N, Riaz S and Naseem S, "Sol-gel based thermally stable mesoporous TiO₂ nanomatrix for fiber optic pH sensing", *J. Sol-Gel. Sci. Technol.*, 86, 2018, 42 **1.575**
323. Kayani ZN, Kamran A, Saddiqe Z, Riaz S and Naseem S, "Probe of ZrTiO₂ thin films with TiO₂-ZrO₂ binary oxides deposited by dip coating technique", *J. Photochemistry and Photobiology B: Biology*, 183, 2018, 357 **2.673**
324. Nimrah S, Honey S, Bhatti MT, Khan AF, Naseem S, Maaza M and Ishaq A, "Synthesis and characterization of ZnS thin films prepared by resistive heating technique", *Surf. Rev. Lett.*, 25, 2018, 1850080 **0.38**
325. Islam S, Bakhtiar H, Bidin N, Salim AA, Riaz S, Abbas KN, Suan LP and Naseem S, "Influence of ZnO doping on structural, optical and pH-stimulus characteristics of silica-titania nanocomposite matrix", *J. Saudi Chem. Soc.*, 2018, DOI <https://doi.org/10.1016/j.jscs.2018.01.005> **2.523**
326. Kayani ZN, Shahzadi A, Riaz S and Naseem S, "Preparation and characterization of dip coated cobalt oxide thin films", *Materials Research Innovations*, 2018, <https://doi.org/10.1080/14328917.2018.1449339>
327. Mukhtar F, Kayani ZN, Riaz S and Naseem S, "Effect of in-situ oxidation on structure and ferromagnetic properties of Fe₃Al and FeAl₂O₄ thin films prepared by electrodeposition", *Ceramics International*, 2018, DOI: <https://doi.org/10.1016/j.ceramint.2018.02.176> **2.758**
328. Khan AH, Atiq S, Mahmood A, Ramay SM, Abbas SK and Naseem S, "Optimisation of giant magnetoresistance in Mn-substituted BiFeO₃ for low field sensors", *Ceramics International*, 2018, DOI: <https://doi.org/10.1016/j.ceramint.2018.05.094> **2.758**
329. Mustafa GM, Saleem M, Atiq S, Riaz S, Siddiqi SA and Naseem S, "Structural tuning of dielectric properties of Ce-substituted Nd₂Zr₂O₇", *J. Saudi Chem. Soc.*, 2018, <https://doi.org/10.1016/j.jscs.2018.05.007> **2.523**
330. Kayani ZN, Riaz S, Iram S and Naseem S, "Structural and magnetic properties of nano-crystalline FeCoNiN thin films", *J. Saudi Chem. Soc.*, 2018, <https://doi.org/10.1016/j.jscs.2018.05.004> **2.523**

Conference Proceedings

331. Timothy J Coutts, Shahzad Naseem, Eric R Don, Nicola M Pearsall, Robin R Cooper and Farhet Himrane, "Properties of RF sputtered window layers and the performance of CdS/InP solar cells", Proc. 5th EC Photovoltaic Solar Energy Conference, Athens (Greece), September 1983, 682
332. Amy Swartzlander, Timothy J Coutts, Shahzad Naseem and TP Massopust, "Analysis of the interface between RF sputter deposited ITO and single crystal p-type InP", Proc. 26th Rocky Mountain Conference on Analytical Chemistry, Denver, Colorado (USA), August 1984, 138
333. Shahzad Naseem, TJ Coutts, Hertzal Aharoni, Keith Emery and K Osterwald, "ITO/InP solar cells for space applications", Proc. 18th IEEE Photovoltaic Specialists Conference, Las Vegas (USA), October 1985, 332
334. Shahzad Naseem, TJ Coutts and RK Ahrenkiel, "Analysis of high efficiency InP/ITO solar cells", Proc. 6th EC Photovoltaic Solar Energy Conference, London (UK), October 1985, 174
335. Iftikhar Ahmed, Nazma Ikram, Khalid Mansoor and Shahzad Naseem, "Determination of internal parameters of ITO/InP solar cells", Presented at the PIP Annual Conference, Lahore (Pakistan), April 2-5, 1993
336. Khalid Mansoor, Nazma Ikram, Iftikhar Ahmed and Shahzad Naseem, "The temperature dependence of fill factor for ITO/InP solar cells", Presented at the PIP Annual Conference, Lahore (Pakistan), April 2-5, 1993
337. Shahzad Naseem M Akram, KM Zaidi and FM Nazar, "Optical properties of electron beam evaporated indium oxide thin films", Presented at the PIP Annual Conference, Lahore (Pakistan), April 2-5, 1993
338. Shahzad Naseem, M Akram, S Ahmed, FM Nazar and A Nadeem, "Optical absorption in EB evaporated tin oxide thin films", Presented at the PIP Annual Conference, Lahore (Pakistan), April 2-5, 1993
339. Shahzad Naseem, M Akram and MS Ahmed, "Preparation and properties of evaporated thin films of CdS/Cu₂S solar cells", Presented at the PIP Annual Conference, Lahore (Pakistan), April 2-5, 1993
340. Shahzad Naseem and NA Shah, "Effects of copper doping on the properties of thin films of cadmium telluride", Presented at the PIP Annual Conference, Bahawalpur (Pakistan), April 1995
341. L Ponnampalam, RGS Plumb and Shahzad Naseem, "Tunable multisections Fabry Perot Laser", Photonics West: Optoelectronics, January 20-26, 2001, San Jose, California, USA
342. L Ponnampalam, RGS Plumb and Shahzad Naseem, "Tunable laser with partial reflectors", European Conference on Integrated Optics, April 4-6, 2001, Paderborn, Germany
343. Shahzad Naseem, "Transistor to single electron devices", Presented at the National Symposium on Nanotechnologies, CIIT, Islamabad, 2002
344. M Hammad Asghar and MB Khan and Shahzad Naseem, "Computer aided design and analysis of multilayer antireflection coatings in visible spectrum", Presented at the 2nd International Bhurban Conference on Applied Sciences and Technology, Bhurban, Pakistan, June 16-21, 2003
345. Shahzad Naseem, "Physics behind IT revolution", Presented at Pakistan Physical Society 9th National Symposium on Frontiers in Physics, GC University, Lahore, 2003

346. Shahzad Naseem, "Nanotechnology – Plans and Perspective", Presented at Conference on Nano-Science and Technology, COMSATS Headquarters, Islamabad, 2005
347. Saira Riaz and Shahzad Naseem, "Carbon nanostructures – initial results", Presented at Conference on Nano-Science and Technology, COMSATS Headquarters, Islamabad, 2005
348. Saira Riaz, Khadim Hussain, MU Nisa and Shahzad Naseem, "Silica thin films by sol-gel technique", Presented at Conference on Nano-Science and Technology, COMSATS Headquarters, Islamabad, 2005
349. Saira Riaz, Bushra Khan, Rabia Raza and Shahzad Naseem, "Sol-gel preparation of titania thin films", Presented at Conference on Nano-Science and Technology, COMSATS Headquarters, Islamabad, 2005
350. Saira Riaz, Bushra Khan, Farah Ashraf, Khadim Hussain, SU Kafayat and Shahzad Naseem, "Alumina thin films by sol-gel technique", Presented at Conference on Nano-Science and Technology, COMSATS Headquarters, Islamabad, 2005
351. Saira Riaz, Nazma Ikram and Shahzad Naseem, "Nanometer sized grains in CIGS thin films – An XRD study", Presented at Conference on Nano-Science and Technology, COMSATS Headquarters, Islamabad, 2005
352. Zohra N Kayani, Saira Riaz and Shahzad Naseem, "Formation and confirmation of cholesterol based liquid crystals", Presented at PIP International Conference, UET, Lahore, March 13 – 16, 2006
353. Shumaila Islam, Samreen Usman, Saira Riaz and Shahzad Naseem, "Mullite transformation kinetics in TiO₂- and B₂O₃- doped aluminium silicate gels", Presented at PIP International Conference, UET, Lahore, March 13 – 16, 2006
354. Samreen Usman, Shumaila Islam, Saira Riaz and Shahzad Naseem, "Preparation, phase transformation and crack alleviation in sol-gel based titania films", Presented at PIP International Conference, UET, Lahore, March 13 – 16, 2006
355. S Mazhar Hussain, Saira Riaz and Shahzad Naseem, "Deposition of Al₂O₃ thin films and study of their structural, optical, photoconducting & dielectric properties", Presented at PIP International Conference, UET, Lahore, March 13 – 16, 2006
356. M Imran, Saira Riaz and Shahzad Naseem, "Fabrication and study of various absorbing media based systems for solar thermal generation of energy", Presented at PIP International Conference, UET, Lahore, March 13 – 16, 2006
357. Saira Riaz, Shahzad Naseem, Bushra Khan and Bushra Mateen, "Synthesis & preparation of PZT, BTO compounds by Sol-Gel method for ferroelectric & liquid crystal applications", Presented at PIP International Conference, UET, Lahore, March 13 – 16, 2006
358. M Hammad Asghar, Franc Placido and Shahzad Naseem, "Multilayer antireflection coatings for Ge optical window", Presented at 10th IEEE International Multitopic Conference (INMIC – 2006), Islamabad, December 23 – 24, 2006
359. Amir F Malik, A Shoaib, Saira Riaz and Shahzad Naseem, "Modelling and designing of RF MEMS switch using ANSYS", Presented at 11th IEEE International Multitopic Conference (INMIC – 2008), Islamabad, December 23 – 24, 2008
360. Zohra N Kayani, Farman Z Malik, Saira Riaz and Shahzad Naseem, "Magnetic and structural properties of electro-deposited FeCoNi thin films with variations in current density used during preparation" Proc. Pak. Inst. Phys. Int. Conf., Lahore, February 23 – 26, 2009

361. Asfand Yar, Noman Iqbal, Saira Riaz and Shahzad Naseem, "Plasma assisted CVD growth and characterization of DLC nanostructures", Presented at National Meeting on Nanotechnology Research in Pakistan, August 03, 2010.
362. Rizwana Kausar, Saira Riaz, Shazia Naeem and Shahzad Naseem, "Electrodeposition of L10 ordered CoPt nanoparticles and nanowires", Presented at National Meeting on Nanotechnology Research in Pakistan, August 03, 2010.
363. Mahwish Bashir, Saira Riaz and Shahzad Naseem, "Preparation and characterization of Mn doped ZnO through Sol-Gel technique", Presented at National Meeting on Nanotechnology Research in Pakistan, August 03, 2010.
364. Robina Ashraf, Saira Riaz and Shahzad Naseem, "Synthesis and characterization of ZnO nanoparticles through Sol-Gel route", Presented at National Meeting on Nanotechnology Research in Pakistan, August 03, 2010.
365. M Yasir, Saira Riaz and Shahzad Naseem, "Branched carbon nanotube formation through cracks and AAO templates", Presented at National Meeting on Nanotechnology Research in Pakistan, August 03, 2010.
366. M Ashfaq Jamil, Saira Riaz and Shahzad Naseem, "Ellipsometry of $Zn_xCd_{1-x}S$ thin films", Presented at National Meeting on Nanotechnology Research in Pakistan, August 03, 2010.
367. Arfan Bukhtiar, Dilawar Ali, Saira Riaz and Shahzad Naseem, "Influence of the gate oxide thickness on 20 nm PD SOI n-channel MOSFET", Proc. PIP International Conference, UET, Lahore, March 28-30, 2011
368. M Saeed Akhtar, Saira Riaz and Shahzad Naseem, "ZnO nano particles for solar cell applications", Proc. PIP International Conference, UET, Lahore, March 28-30, 2011
369. Murtaza Saleem, Saadat A Siddiqi, Shahid Atiq, Shahid M Ramay and Shahzad Naseem, "Effect of thermal treatment on structural, electrical and magnetic properties of sol-gel synthesized $Zn_{0.95}Ni_{0.05}O$ nanocrystallites", Proc. PIP International Conference, UET, Lahore, March 28-30, 2011
370. M Khalid and Shahzad Naseem, "Optimization of electrical characteristics of Pt/SiC Schottky barrier diode using TCAD tools", Presented at the PIP International Conference, UET, Lahore, March 28-30, 2011
371. Hussain Wali, S Shumaila, M. Khaleeq-ur-Rahman, Rehana Sharif and Shahzad Naseem, "Characterization of template based Ni nanowires", Proc. PIP International Conference, UET, Lahore, March 28-30, 2011
372. M Khalid, Saira Riaz and Shahzad Naseem, "Modelling and simulations of 1kV/5A normally-off 4H-SiC VJFET", Presented at IEEE International Multitopic Conference (INMIC), Karachi, Pakistan, December 22 – 24, 2011
373. Akif Safeen, Kashif Safeen, Saira Riaz and Shahzad Naseem, "Structural, magnetic and optical properties of undoped co-evaporated ZnO thin films", Presented at University of Peshawar, Peshawar, 2011
374. Karim Khan, G Husnain, Ishaq Ahmad, Amjad Farid and Shahzad Naseem, "Ion-irradiation induced damage of AlN thin films", Presented at International Scientific Spring, NCP, Islamabad, March 5-9, 2012

375. S Iqbal, Y Long, Ishaq Ahmad and Shahzad Naseem, "Characterization of ion-irradiation induced damage on multi-walled carbon nanotubes", Presented at International Scientific Spring, NCP, Islamabad, March 5-9, 2012
376. Maleeha Qasim, Zain Akram, Saira Riaz and Shahzad Naseem, "Synthesis and characterization of CdS ink comprised of nanoparticles", Proc. The 2012 Intl. Conf. on Adv. In Mater. Res. (ICAMR), August 26-29, 2012, Seoul, Korea (http://www.i-asem.org/publication_conf/acem12/T5E-II-1.pdf)
377. Zain Akram, Maleeha Qasim, Saira Riaz and Shahzad Naseem, "Synthesis and characterization of CdTe ink comprised of nanoparticles", Proc. The 2012 Intl. Conf. on Adv. In Mater. Res. (ICAMR), August 26-29, 2012, Seoul, Korea (http://www.i-asem.org/publication_conf/acem12/T5E-II-2.pdf)
378. Gull Jabeen, Saira Riaz and Shahzad Naseem, "Synthesis and characterization of Zn-doped and un-doped SnO₂ nanostructures for PV applications", Proc. The 2012 Intl. Conf. on Adv. In Mater. Res. (ICAMR), August 26-29, 2012, Seoul, Korea (http://www.i-asem.org/publication_conf/acem12/T5E-II-3.pdf)
379. Rabia Noor, Saira Riaz and Shahzad Naseem, "A comparative study of ZnO thin films, nanowires and nanotubes for photovoltaic applications", Proc. The 2012 Intl. Conf. on Adv. In Mater. Res. (ICAMR), August 26-29, 2012, Seoul, Korea (http://www.i-asem.org/publication_conf/acem12/T5E-II-4.pdf)
380. Sajid Farooq, S Sajjad Hussain, Saira Riaz and Shahzad Naseem, "ZnO / c-Si solar cell fabricated through Sol-Gel and spin coating", Proc. The 2012 Intl. Conf. on Adv. In Mater. Res. (ICAMR), August 26-29, 2012, Seoul, Korea (http://www.i-asem.org/publication_conf/acem12/T5E-II-5.pdf)
381. Sehrish Gull, M Saeed Akhtar, Saira Riaz and Shahzad Naseem, "ZnS dendrites – optical, electrical and structural properties", Proc. The 2012 Intl. Conf. on Adv. In Mater. Res. (ICAMR), August 26-29, 2012, Seoul, Korea (http://www.i-asem.org/publication_conf/acem12/T5E-II-6.pdf)
382. Samia Hussain, Saira Riaz and Shahzad Naseem, "Zn_xCd_{1-x}S (x=0-1) thin films prepared by nano colloidal suspension – optical and structural analyses", Proc. The 2012 Intl. Conf. on Adv. In Mater. Res. (ICAMR), August 26-29, 2012, Seoul, Korea (http://www.i-asem.org/publication_conf/acem12/T5E-II-7.pdf)
383. Aseya Akbar, Saira Riaz and Shahzad Naseem, "Preparation and characterization of BiFeO₃ thin films by Sol-Gel route", Proc. The 2012 Intl. Conf. on Adv. In Mater. Res. (ICAMR), August 26-29, 2012, Seoul, Korea (http://www.i-asem.org/publication_conf/acem12/W4B-1.pdf)
384. Saher Hamid, Saira Riaz and Shahzad Naseem, "Synthesis and characterization of FeO-ZrO₂ nanoparticles for bio-medical applications", Proc. The 2012 Intl. Conf. on Adv. In Mater. Res. (ICAMR), August 26-29, 2012, Seoul, Korea (http://www.i-asem.org/publication_conf/acem12/W4B-2.pdf)
385. Saira Riaz, Aseya Akbar and Shahzad Naseem, "Fabrication and magnetic characterization of AAO template assisted growth of Fe₃O₄ nanotubes", Proc. The 2012 Intl. Conf. on Adv. In Mater. Res. (ICAMR), August 26-29, 2012, Seoul, Korea (http://www.i-asem.org/publication_conf/acem12/W4B-3.pdf)
386. Sidra Farooq, Saira Riaz and Shahzad Naseem, "Thermally evaporated Fe-O_x thin films for use in MTJs – structural, magnetic and electrical properties", Proc. The 2012 Intl. Conf. on Adv. In Mater. Res. (ICAMR), August 26-29, 2012, Seoul, Korea (http://www.i-asem.org/publication_conf/acem12/W4B-6.pdf)

387. Imran Ghafoor, Saadat A Siddiqi, Shahid Atiq, Saira Riaz and Shahzad Naseem, "Structural, electrical and magnetic investigations of Pb-doped $\text{La}_{0.1}\text{Bi}_{0.90}\text{FeO}_3$ multiferroics", Proc. The 2012 Intl. Conf. on Adv. In Mater. Res. (ICAMR), August 26-29, 2012, Seoul, Korea (http://www.i-asem.org/publication_conf/acem12/W4B-8.pdf)
388. Zaib Un Nisa, Shahid Atiq, Saadat A Siddiqi, Saira Riaz and Shahzad Naseem, "Effect of Cu contents on the structural, electrical and magnetic properties of Mn-ferrites", Proc. The 2012 Intl. Conf. on Adv. In Mater. Res. (ICAMR), August 26-29, 2012, Seoul, Korea (http://www.i-asem.org/publication_conf/acem12/W4B-9.pdf)
389. Tanvir Hussain, Saadat A Siddiqi, Shahid Atiq, Saira Riaz and Shahzad Naseem, "Induced modifications in the structural, electrical and magnetic properties of Sr-doped BiFeO_3 multiferroics", Proc. The 2012 Intl. Conf. on Adv. In Mater. Res. (ICAMR), August 26-29, 2012, Seoul, Korea (http://www.i-asem.org/publication_conf/acem12/W4B-10.pdf)
390. Uzma Ghaznavi, Shahid Atiq, Saadat A Siddiqi and Shahzad Naseem, "Characterization of polycrystalline zinc ferrite (ZnFe_2O_4) by XRD, SEM, IS and resistivity measurements", Proc. The 2012 Intl. Conf. on Adv. In Mater. Res. (ICAMR), August 26-29, 2012, Seoul, Korea (http://www.i-asem.org/publication_conf/acem12/W4B-11.pdf)
391. M Javid, Shahid Atiq and Shahzad Naseem, "Synthesis and characterization of structural, electrical and magnetic properties of NiO nanocrystallites", Proc. The 2012 Intl. Conf. on Adv. In Mater. Res. (ICAMR), August 26-29, 2012, Seoul, Korea (http://www.i-asem.org/publication_conf/acem12/M5B-1.pdf)
392. Aseya Akbar, Saira Riaz and Shahzad Naseem, "Preparation of Fe_3O_4 thin films by Sol-Gel technique – magnetic and structural properties", Presented at The 2012 Intl. Conf. on Adv. In Mater. Res. (ICAMR), August 26-29, 2012, Seoul, Korea
393. Saira Riaz, Pervaiz Ahmed, Aseya Akbar and Shahzad Naseem, "Improved magnetic properties of Sol-Gel derived Fe_3O_4 nanoparticles for bio-medical applications", Presented at The 2012 Intl. Conf. on Adv. In Mater. Res. (ICAMR), August 26-29, 2012, Seoul, Korea
394. Hira Usman, Saira Riaz and Shahzad Naseem, "Effect of Fe-O_x as a tunneling barrier on the coupling of CoB/ Fe-O_x /Co trilayers", Proc. The 2012 Intl. Conf. on Adv. In Mater. Res. (ICAMR), August 26-29, 2012, Seoul, Korea
395. Saher Hamid, Saira Riaz and Shahzad Naseem, "Fabrication and characterization of ZrO_2 nanoparticles", Presented at 6th Vacuum and Surface Sciences Conference of Asia and Australia, October 9-13, 2012, Pak-China Friendship Centre, Islamabad, Pakistan
396. Hareem Arif, Saira Riaz and Shahzad Naseem, "Effect of temperature on the threshold voltage of AlGaIn/GaN VHFET on GaN substrate", Presented at 6th Vacuum and Surface Sciences Conference of Asia and Australia, October 9-13, 2012, Pak-China Friendship Centre, Islamabad, Pakistan
397. Mahwish Bashir, S Sajjad Hussain, Saira Riaz and Shahzad Naseem, "Effect of Mn-doping concentration on the structural & magnetic properties of Sol-Gel deposited ZnO diluted magnetic semiconductor", Presented at International Conference on Advanced Materials and manufacturing Science (ICAMMS), December 21-21, 2012, Beijing, China
398. Saira Riaz, M Azam, S Shahbaz Ali and Yaseer A Durrani, "Power macro modelling for CMOS inverter of 0.12 μm technology", Presented at International Conference on Advanced Materials and manufacturing Science (ICAMMS), December 21-21, 2012, Beijing, China
399. Saira Riaz, A Hussain, D Ghayas and Shahzad Naseem, "Noise optimization of low power CMOS charge amplifier using simulation environment of EldoTM", Presented at International Conference on Advanced Materials and manufacturing Science (ICAMMS), December 21-21, 2012, Beijing, China

400. Farzana Majid, M Imran Akram, Shahid Atiq, Saira Riaz and Shahzad Naseem, "Optical and structural properties of electro-deposited alumina thin films", Presented at International Conference on Advanced Materials and manufacturing Science (ICAMMS), December 21-21, 2012, Beijing, China
401. A Nadeem, CF Dee, Saira Riaz, Shahzad Naseem, HM Rafique, Y Long and Ishaq Ahmad, "Effects for the different type of ion beam irradiation on the ZnO nanowires" International Scientific Spring (ISS), Jointly organized by National Center for Physics (NCP) Islamabad and International Center for Theoretical Physics (ICTP), Italy at NCP Islamabad, March 5-9, 2012
402. Amjad Farid, G Husnain, Ishaq Ahmad and Shahzad Naseem, "Effect of Ni-ion irradiation on structural properties of GaN thin film using RBS/Channeling technique" International Scientific Spring (ISS), Jointly organized by National Center for Physics (NCP) Islamabad and International Center for Theoretical Physics (ICTP), Italy at NCP Islamabad, March 5-9, 2012
403. Yasir Abdul Haleem, Fakhr e Alam, Sobia A Rakha and Shahzad Naseem, "Characterization and functionalization of diamond nanocrystalline powder samples" International Scientific Spring (ISS), Jointly organized by National Center for Physics (NCP) Islamabad and International Center for Theoretical Physics (ICTP), Italy at NCP Islamabad, March 5-9, 2012
404. Amjad Farid, G Husnain, Ishaq Ahmad, K Khan and Shahzad Naseem, "Structural and morphological study of Ni-ions irradiated epitaxial GaN thin films", 37th International Nathiagali Summer College (INSC-2012), Jointly Organized by Pakistan Atomic Energy Commission (PAEC) & National Centre for Physics (NCP) Islamabad, Pakistan, July 02-07, 2012
405. Sehar Hamid, Saira Riaz and Shahzad Naseem, "Synthesis and characterization of ZrO₂ nanoparticles for bio-medical applications", Presented at National Symposium on Frontiers in Nanotechnology, NUST, Islamabad, May 19, 2012
406. Aseyak Akbar, Saira Riaz and Shahzad Naseem, "Fabrication and magnetic characterization of AAO template assisted growth of Fe₃O₄ nanotubes", Presented at National Symposium on Frontiers in Nanotechnology, NUST, Islamabad, May 19, 2012
407. Rabia Noor, Saira Riaz and Shahzad Naseem, "ZnO nanowires and nanotubes for PV applications", Presented at National Symposium on Frontiers in Nanotechnology, NUST, Islamabad, May 19, 2012
408. Gull Jabeen, Saira Riaz and Shahzad Naseem, "Synthesis and characterization of un-doped SnO₂ nanostructures for PV applications", Presented at National Symposium on Frontiers in Nanotechnology, NUST, Islamabad, May 19, 2012
409. Shahid Atiq, Zaka Ullah, Murtaza Saleem and Shahzad Naseem, "Influence of A-site Pb substitution on structural, electrical and magnetic properties of Sr-Hexaferrites", Presented at ICCMPE-12, held at BZU, Multan, December 27-29, 2012
410. Shahid Atiq, Murtaza Saleem, Saadat A Siddiq, Shahid M Ramay and Shahzad Naseem, "Origin of ferromagnetism in TMS doped ZnO based DMS materials", Presented at ICCMPE-12, held at BZU, Multan, December 27-29, 2012
411. Saira Riaz, Shahzad Naseem and M Khaleeq-ur-Rahman, "A detailed investigation into the preparation and properties of ZrO₂-Fe₂O₃ coatings for bio-medical applications", Presented at 40th International Conference on Metallurgical Coatings and Thin Films, San Diego, CA, USA, April 29 – May 3, 2013

412. Saira Riaz, Farzana Majid, Ishaq Ahmad, G Husnain and Shahzad Naseem, "Alumina coatings for use under high radiation conditions", Presented at 40th International Conference on Metallurgical Coatings and Thin Films, San Diego, CA, USA, April 29 – May 3, 2013
413. Shahzad Naseem and Saira Riaz, "Preparation and characterization of CIAGS thin films and their solar cells", Presented at 40th International Conference on Metallurgical Coatings and Thin Films, San Diego, CA, USA, April 29 – May 3, 2013
414. Aseya Akbar, Saira Riaz and Shahzad Naseem, "Structural and magnetic properties of Sol-Gel deposited iron oxide thin films", Presented at National Seminar on Engineering Materials & their Performance, University of the Punjab, April 30, 2013
415. Farzana Majid, Saira Riaz and Shahzad Naseem, "Atomic Force Microscopy of electrodeposited aluminium oxide thin films", Proc. 2nd International Conference on Biotechnology, Nanotechnology and its Applications (ICBNA'2013), London (UK), June 17-18, 2013, 58
416. Farzana Majid, Saira Riaz and Shahzad Naseem, "Low temperature formation of electrodeposited aluminium oxide thin films", Proc. 2nd International Conference on Biotechnology, Nanotechnology and its Applications (ICBNA'2013), London (UK), June 17-18, 2013, 63
417. Saira Riaz and Shahzad Naseem, "Fabrication and magnetic characterization of Fe₃O₄ nanotubes and nanowires", Presented at International Conference on Advanced Complex Inorganic Nanomaterials (ACIN), Namur, Belgium, July 15 – 19, 2013
418. M Saeed Akhtar, Saira Riaz and Shahzad Naseem, "Structural and optical properties of Sol-Gel prepared ZnS dendrites", International Conference on Advanced Complex Inorganic Nanomaterials (ACIN), Namur, Belgium, July 15 – 19, 2013
419. Robina Ashraf, Saira Riaz and Shahzad Naseem, "Magnetic and magnetization properties of spin-deposited un-doped ZnO nanowire arrays", International Conference on Advanced Complex Inorganic Nanomaterials (ACIN), Namur, Belgium, July 15 – 19, 2013
420. M Saeed Akhtar, Saira Riaz and Shahzad Naseem, "Effect of pH on the optical properties of Sol-Gel prepared ZnS thin films by spectroscopic ellipsometry", International Conference on Advanced Complex Inorganic Nanomaterials (ACIN), Namur, Belgium, July 15 – 19, 2013
421. Robina Ashraf, Saira Riaz, M Khaleeq-ur-Rahman and Shahzad Naseem, "Synthesis and characterization of ZnO nanoparticles", Proc. 2013 World Congress on Advances in Nano, Biomechanics, Robotics and Energy Research (ANBRE), August 25-28, 2013, COEX, Seoul, Korea (http://www.i-asem.org/publication_conf/anbre13/M5A.1.MS541_976F.pdf)
422. Saira Riaz, Adeela Nairan and Shahzad Naseem, "Synthesis and characterization of SnO₂ nanoparticles for PV applications", Proc. 2013 World Congress on Advances in Nano, Biomechanics, Robotics and Energy Research (ANBRE), August 25-28, 2013, COEX, Seoul, Korea (http://www.i-asem.org/publication_conf/anbre13/M5A.2.MS541_930F.pdf)
423. Shahid Atiq, M Zaka Ansar, Saira Riaz and Shahzad Naseem, "Synthesis and characterization of magnetic nanoparticles for cancer therapy", Proc. 2013 World Congress on Advances in Nano, Biomechanics, Robotics and Energy Research (ANBRE), August 25-28, 2013, COEX, Seoul, Korea (http://www.i-asem.org/publication_conf/anbre13/M5A.3.MS541_1134F.pdf)
424. Mahwish Bashir, Robina Ashraf, M Imtiaz, Saira Riaz and Shahzad Naseem, "Synthesis and characterization of ZrO₂-ZnO nanoparticles", Proc. 2013 World Congress on Advances in Nano, Biomechanics, Robotics and Energy Research (ANBRE), August 25-28, 2013, COEX, Seoul, Korea (http://www.i-asem.org/publication_conf/anbre13/M5A.4.MS541_1028F.pdf)

425. Farzana Majid, Saira Riaz, Talha Ijaz, M Farooq and Shahzad Naseem, "synthesis and characterization of Sol-gel deposited aluminum oxide at low temperatures", Proc. 2013 World Congress on Advances in Nano, Biomechanics, Robotics and Energy Research (ANBRE), August 25-28, 2013, COEX, Seoul, Korea (http://www.i-asem.org/publication_conf/anbre13/M5A.5.MS541_1027F.pdf)
426. M Imran, Farzana Majid, Saira Riaz and Shahzad Naseem, "Optical and structural properties of electrodeposited aluminum oxide at low temperatures", Proc. 2013 World Congress on Advances in Nano, Biomechanics, Robotics and Energy Research (ANBRE), August 25-28, 2013, COEX, Seoul, Korea (http://www.i-asem.org/publication_conf/anbre13/M5A.6.MS541_1025F.pdf)
427. Robina Ashraf, Saira Riaz, Mahwish Bashir and Shahzad Naseem, "Magnetic and structural properties of Co doped ZnO nanoparticles", Proc. 2013 World Congress on Advances in Nano, Biomechanics, Robotics and Energy Research (ANBRE), August 25-28, 2013, COEX, Seoul, Korea (http://www.i-asem.org/publication_conf/anbre13/M5A.7.MS541_1022F.pdf)
428. Saira Riaz, Aseya Akbar, M Imran, and Shahzad Naseem, "Synthesis and characterization of TiO₂ nanoparticles", Proc. 2013 World Congress on Advances in Nano, Biomechanics, Robotics and Energy Research (ANBRE), August 25-28, 2013, COEX, Seoul, Korea (http://www.i-asem.org/publication_conf/anbre13/M5A.8.MS541_1021F.pdf)
429. Saira Riaz, Anum Butt and Shahzad Naseem, "Synthesis and characterization of CdS and CdTe inks for solar cells", Proc. 2013 World Congress on Advances in Nano, Biomechanics, Robotics and Energy Research (ANBRE), August 25-28, 2013, COEX, Seoul, Korea (http://www.i-asem.org/publication_conf/anbre13/T4B.1.MS543_1183F.pdf)
430. Saira Riaz, Afifa Sadaqat and Shahzad Naseem, "Synthesis and characterization of CIGS ink for solar cells", Proc. 2013 World Congress on Advances in Nano, Biomechanics, Robotics and Energy Research (ANBRE), August 25-28, 2013, COEX, Seoul, Korea (http://www.i-asem.org/publication_conf/anbre13/T4B.2.MS543_1180F.pdf)
431. Saira Riaz, Shafaq Batool and Shahzad Naseem, "Structural and optical properties of CIAGS thin films", Proc. 2013 World Congress on Advances in Nano, Biomechanics, Robotics and Energy Research (ANBRE), August 25-28, 2013, COEX, Seoul, Korea (http://www.i-asem.org/publication_conf/anbre13/T4B.3.MS543_1178F.pdf)
432. Saira Riaz, Anam Azam, Usman Khan and Shahzad Naseem, "Structural and electrical properties of CIAGS thin films", Proc. 2013 World Congress on Advances in Nano, Biomechanics, Robotics and Energy Research (ANBRE), August 25-28, 2013, COEX, Seoul, Korea (http://www.i-asem.org/publication_conf/anbre13/T4B.4.MS543_1177F.pdf)
433. Aseya Akbar, Saira Riaz and Shahzad Naseem, "Effect of iron doping on structural, optical and magnetic properties of TiO₂ thin films by Sol-Gel technique", Proc. 2013 World Congress on Advances in Nano, Biomechanics, Robotics and Energy Research (ANBRE), August 25-28, 2013, COEX, Seoul, Korea (http://www.i-asem.org/publication_conf/anbre13/T5B.1.MS542_1149F.pdf)
434. Aseya Akbar, Beenish Maria, Saira Riaz and Shahzad Naseem, "Effect of magnesium doping on structural and magnetic properties of iron oxide thin films" Proc. 2013 World Congress on Advances in Nano, Biomechanics, Robotics and Energy Research (ANBRE), August 25-28, 2013, COEX, Seoul, Korea (http://www.i-asem.org/publication_conf/anbre13/T5B.2.MS542_1146F.pdf)

435. Aseya Akbar, Sheza Zafar, Saira Riaz and Shahzad Naseem, "Effect of Al doping on the structural and magnetic properties of iron oxide thin films", Proc. 2013 World Congress on Advances in Nano, Biomechanics, Robotics and Energy Research (ANBRE), August 25-28, 2013, COEX, Seoul, Korea (http://www.i-asem.org/publication_conf/anbre13/T5B.3.MS542_1144F.pdf)
436. M Azam, Aseya Akbar, Saira Riaz and Shahzad Naseem, "Electrical properties of iron oxide nanoparticles coated carbon nanotubes", Proc. 2013 World Congress on Advances in Nano, Biomechanics, Robotics and Energy Research (ANBRE), August 25-28, 2013, COEX, Seoul, Korea (http://www.i-asem.org/publication_conf/anbre13/T5B.4.MS542_1143F.pdf)
437. Aseya Akbar, Saira Riaz and Shahzad Naseem, "Magnetic and structural properties of calcium doped BiFeO₃ thin films", Proc. 2013 World Congress on Advances in Nano, Biomechanics, Robotics and Energy Research (ANBRE), August 25-28, 2013, COEX, Seoul, Korea (http://www.i-asem.org/publication_conf/anbre13/T5B.5.MS542_1141F.pdf)
438. Aseya Akbar, Saira Riaz, Shahid Atiq and Shahzad Naseem, "Magnetic and structural properties of La doped BiFeO₃ thin films", Proc. 2013 World Congress on Advances in Nano, Biomechanics, Robotics and Energy Research (ANBRE), August 25-28, 2013, COEX, Seoul, Korea (http://www.i-asem.org/publication_conf/anbre13/T5B.6.MS542_1138F.pdf)
439. Saira Riaz, S Sajjad Hussain and Shahzad Naseem, "Preparation and characterization of Cu-ZnTe thin films", Presented at the 2013 World Congress on Advances in Nano, Biomechanics, Robotics and Energy Research (ANBRE), August 25-28, 2013, COEX, Seoul, Korea
440. M Azam, Adeela Nairan, Saira Riaz and Shahzad Naseem, "FeAl₂O₄ thin films prepared by Sol-Gel – structural and magnetic properties", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5150*)
441. M Khalid, Mehboob Ahmed, Shabana Aziz, Saira Riaz and Shahzad Naseem, "Study of theoretical investigation of bipolar effect in 4H-SiC VJFET", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5155*)
442. Gull Jabeen Naz, Usman Khan, Saira Riaz and Shahzad Naseem, "Effect of transition bi-metal doping on ZnO thin films", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5160*)
443. Zohra N Kayani, F. Nazir, Saira Riaz, R. Zia and Shahzad Naseem, "Structural, optical and magnetic properties of MnZnO thin films", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5166*)
444. Shumaila Islam, Rosly A Rahman, Saira Riaz, Shahzad Naseem, Zulkafli Othaman and M Alam Saeed, "Study of Sol-Gel based antireflection coatings", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5177*)
445. Hadia Noor, Saira Riaz and Shahzad Naseem, "Capacitance-voltage characteristics of selectively doped CIAGS/Si junctions", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5196*)

446. Aisha Batoool, Farah Kanwal, Saira Riaz, Aamir Abbas and Shahzad Naseem, "Novel method to synthesize conducting polyaniline/nickle sulphide nanocomposite films and the study of their structural and electrical properties", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5201*)
447. Shumaila Islam, Rosly A Rahman, Saira Riaz, Shahzad Naseem and Zulkafli Ottoman, "Study of single and multilayer silica-titania thin films on plastic substrate", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5205*)
448. S Zaheer H Shah, Usman Khan, Saira Riaz and Shahzad Naseem, "Effect of pH on iron oxide nanoparticles", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5214*)
449. M Khalid, Saira Riaz and Shahzad Naseem, "Simulations and analysis of electrical characteristics of 4H-SiC/Pt Schottky barrier diode", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5225*)
450. M Khalid, Saira Riaz and Shahzad Naseem, "Tailoring of the band gap in transition metal-doped ZnO: first principle calculations", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5246*)
451. Mahmood ul Hassan, Saira Riaz and Shahzad Naseem, "Room temperature ferromagnetism and nickel addition effects in titanium dioxide", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5251*)
452. Shahid Atiq, M Javid, Saira Riaz and Shahzad Naseem, "Magnetic phase transition in nickel oxide", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5262*)
453. Farzana Majid, Saira Riaz, N Tariq and Shahzad Naseem, "Ferromagnetic behaviour of undoped BiFeO₃ thin films prepared by Sol-Gel", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5274*)
454. Saira Riaz, S Zaheer H Shah, Zohra N Kayani and Shahzad Naseem, "Magnetic and structural phase transition in iron oxide nanostructures", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5280*)
455. Imran Ghafoor, Saadat A Siddiqi, Shahid Atiq, Saira Riaz and Shahzad Naseem, "Investigating the structural and electrical properties of La_{0.1}Bi_{0.9-x}Pb_xFeO₃ (x=0.0, 0.05, 0.10, 0.2, 0.3) multiferroics", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5288*)
456. Farzana Majid, Samar T Mirza, Saira Riaz and Shahzad Naseem, "Sol-Gel synthesis of BiFeO₃ nanoparticles", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5193*)

457. Shumaila Islam, Rosly Abdul Rahman, Saira Riaz, Shahzad Naseem and Zulkafli Ottoman, "Formation of rutile titania phase at low temperature", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5298*)
458. M Saeed Akhtar, Saira Riaz and Shahzad Naseem, "DFT study of half metallic ferromagnetism in $Zn_{1-x}Cr_xS$ alloys", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5337*)
459. Hadia Noor, Saira Riaz and Shahzad Naseem, "Effect of radiation on ZnTe/Si junction using I-V and C-V measurements", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5343*)
460. Tariq Munir, Fakhar Abbas, Shahzad Naseem and Waseem Raza, "Effect of channel width on breakdown analysis of normally-Off 4H-SiC trench and implanted VJFET", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5348*)
461. M Khalid, Mehboob Ahmed, Saira Riaz and Shahzad Naseem, "Study of temperature dependent punch-through behaviour in 4H-SiC VJFET: TCAD simulation", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5352*)
462. Fida Rehman, Hai-Bo Jin, Jing-Bo Li, Arfan Bukhtiar, M Khalid, M Rizwan, Saira Riaz and Shahzad Naseem, "Simulations of transient behaviour and parasitic effects for 20 nm gate length of PD SOI nMOSFET", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5357*)
463. Khurram Siraj, Jaweria Z Hashmi, Shahzad Naseem, M Shahid Rafique and Saima Shaukat, "Microstructure and optical properties of rare-earth doped ZnO thin films", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5365*)
464. Sidra Bashir, W Mahmood, Saira Riaz and Shahzad Naseem, "Structural and magnetic properties of BiFeO₃ thin films by sol-gel", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5373*)
465. Robina Ashraf, Saira Riaz, Zohra N Kayani and Shahzad Naseem, "Structural and magnetic properties of iron doped ZnO nanoparticles", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5384*)
466. Sunia Siddique, M Tahir, Saira Riaz and Shahzad Naseem, "Structural and magnetic properties of Mg-doped iron oxide thin films", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5390*)
467. Asey Akbar, Saira Riaz, S Sajjad Hussain and Shahzad Naseem, "Magnetic properties of Sol-Gel deposited magnetite thin films", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5395*)

468. Manzar M Yaqoob, S Sajjad Hussain, Saira Riaz and Shahzad Naseem, "Effect of oxidation temperature on structural and magnetic properties of Al-doped iron oxide thin films", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5400*)
469. Aseya Akbar, M Imran, Saira Riaz and Shahzad Naseem, "Study of phase transition in iron oxide thin films", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5405*)
470. M Zaka Ansar, Shahid Atiq, Saira Riaz and Shahzad Naseem, "Magnetic nano-crystallites for anti-cancer drug delivery", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5410*)
471. Usman Khan, Aseya Akbar, Hassan Yousaf, Saira Riaz and Shahzad Naseem, "Ferromagnetic properties of Al-doped Fe₂O₃ thin films by Sol-Gel", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5415*)
472. Usman Khan, Aseya Akbar, Unaiza Ahmad, Saira Riaz and Shahzad Naseem, "Magnetic behaviour of iron oxide thin films for biomedical applications", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5421*)
473. Khurram Siraj, Hafsa Faiz, M Shahid Rafique and Shahzad Naseem, "Microstructural and optical properties of zinc doped copper oxide thin films", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5426*)
474. M Khalid, Saira Riaz, Alexander E Grekov, Enrico Santi and Shahzad Naseem, "High breakdown voltage characteristics in normally-off 4H-SiC VJFET using TCAD simulation", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5436*)
475. Shumaila Islam, Saira Riaz, Rosly A Rehman, Shahzad Naseem and Zulkafli Ottoman, "Effect of boron doping on the kinetics of mullite thin films transformation", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5441*)
476. Zohra N Kayani, Yasmeen Ali, Faiza Kiran, I Batool, MZ Butt, Maryam Umer, Saira Riaz and Shahzad Naseem, "Fabrication of copper oxide nanoparticles by sol-gel route", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5446*)
477. M Imran, Saira Riaz and Shahzad Naseem, "Synthesis and characterization of titania nanoparticles by Sol-Gel technique", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5455*)
478. Imran Sadiq, Mazharuddin Rana and Shahzad Naseem, "Synthesis and characterization of rare earth elements substituted X-type hexagonal ferrites", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5462*)

479. Robina Ashraf, Saira Riaz, Zohra N Kayani and Shahzad Naseem, "Effect of calcination on properties of ZnO nanoparticles", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5468*)
480. Zohra N Kayani, Aliya Afzal, Erum S Khan, Fariha Nazir, Farhat Saleemi, Saira Riaz and Shahzad Naseem, "Structural and magnetic properties of CoZnO films", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5473*)
481. Shahid M Ramay, Asif Mahmood, Shahid Atiq, Saadat A Siddiqi and Shahzad Naseem, "Photodegradation of organic pollutants using Fe-doped ZnO", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5485*)
482. M Saeed Akhtar, Saira Riaz and Shahzad Naseem, "Optical properties of Sol-gel deposited ZnS thin films: Spectroscopic Ellipsometry", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5497*)
483. M Zakria Butt, Dilawar Ali, Najm-ul-Aarifeen and Shahzad Naseem, "Irradiation effects of 40 – 250 keV Fe ions on structural and optical properties of CR-39 polymer", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5504*)
484. Shahid M Ramay, Saadat A Siddiqi, Shahid Atiq, Murtaza Saleem, A Mahmood and Shahzad Naseem, "Magnetite tailoring the magnetic properties of $Mn_{0.5}Cu_{0.5}Fe_2O_4$ ferrites by Ni substitution", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5510*)
485. M Saeed Akhtar, Saira Riaz and Shahzad Naseem, "Study of half metallicity in Mn, Fe and MnFe co-doped cubic ZnS by first-principles", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5528*)
486. Raja Shehryar Ali, S Sajjad Hussain, Saira Riaz and Shahzad Naseem, "Structural, optical and electrical characterization of Fe_3O_4 thin films prepared using PVD magnetron sputtering (RF)", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5543*)
487. Fouzia Altaf, Shahid Atiq, Saira Riaz and Shahzad Naseem, "Synthesis of Co-doped Sr-hexaferrites by Sol-gel and its electrical characterization", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5548*)
488. Zohra N Kayani, Erum Shahid Khan, Farhat Saleemi, Saira Riaz and Shahzad Naseem, "Optical and magnetic properties of iron oxide thin films", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5568*)
489. M Azim, Shahid Atiq, Saira Riaz and Shahzad Naseem, "Phase stabilization and frequency dependant dielectric response of La-doped Sr-hexaferrites", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5578*)

490. Mirza Khurram Baig, Shahid Atiq, Shazia Bashir, Saira Riaz and Shahzad Naseem, “Thickness dependant optimization of 1-5 phase of SmCo thin films deposited by pulsed laser”, Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5582*)
491. M Zakria Butt, Dilawar Ali, M Usman Tanveer and Shahzad Naseem, “Surface roughness and electrical resistivity of high-purity zinc irradiated with Nd:YAG laser pulses”, Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5587*)
492. M Umair Farooq, Shahid Atiq, Shazia Bashir, Saira Riaz and Shahzad Naseem, “Substrate temperature dependant deposition by pulsed laser and characterization of SmCo films”, Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5592*) 92E1 88C1 514D
493. Mahmood ul Hassan, Saira Riaz and Shahzad Naseem, “Modification in structural and magnetic properties of pure ZnO realized by Bi addition”, Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5596*)
494. Haroon M Jaral, S Sajjad Hussain, Saira Riaz and Shahzad Naseem, “Effect of annealing on structural and magnetic properties of magnetite Fe₃O₄ thin films using radio frequency magnetron sputtering”, Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5601*)
495. Zohra N Kayani, Faiza Kiran, Fariha Nazir, Erum Shahid Khan, Saira Riaz and Shahzad Naseem, “Preparation of thin films of NiZnO by sol-gel dip coating”, Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5607*)
496. Mahwish Bashir, Saira Riaz, M Farooq, A Butt and Shahzad Naseem, “Structural and magnetic properties of Fe₃O₄ doped zirconia”, Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5611*)
497. Mahwish Bashir, Saira Riaz and Shahzad Naseem, “Structural, mechanical and magnetic properties of FeO added zirconia”, Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5627*)
498. Tariq Munir, Waseem Raza, Shahzad Naseem and Fakhar Abbas, “Switching performance of normally-off 4H-SiC TI VJFET”, Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5634*)
499. Shahid M Ramay, Hafiz M Rafique, Sana Aslam, Saadat A Siddiqi, Shahid Atiq, Murtaza Saleem and Shahzad Naseem, “Spectro- and microscopic studies of sol-gel synthesized MnCuZn ferrites”, Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5645*)

500. S Mazhar H Shah, Saira Riaz, S Sajjad Hussain, Shahid Atiq and Shahzad Naseem, "Structural, magnetic and dielectric properties of Ba doped BiFeO₃ thin films", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5654*)
501. Zohra N Kayani, A Afzal, MZ Butt, I Batool, Sana Arshad, Yasmeen Ali, Saira Riaz and Shahzad Naseem, "Structural, optical and magnetic properties of iron oxide nano-particles", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5660*)
502. Mahwish Bashir, Saira Riaz and Shahzad Naseem, "Effect of pH on ferromagnetic iron oxide nanoparticles", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5664*)
503. Aseya Akbar, Sidra Bashir, Saira Riaz and Shahzad Naseem, "Magnetic properties of Co-doped Fe₂O₃ thin films", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5674*)
504. Aseya Akbar, Muntaha Niaz, Saira Riaz and Shahzad Naseem, "Magnetic and structural properties of Cr-doped Fe₂O₃", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5679*)
505. M Saeed Akhtar, Saira Riaz and Shahzad Naseem, "Theoretical investigation of half metallicity in cobalt doped ZnS: DFT studies", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5684*)
506. M Saeed Akhtar, Saira Riaz and Shahzad Naseem, "Synthesis of ZnS nanoparticles by chemical bath deposition", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5691*)
507. M Ashraf, S Sajjad Hussain, Saira Riaz and Shahzad Naseem, "Preparation and characterization of ZnCdS and CdTe thin films by PVD for photovoltaic applications", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5695*)
508. M Azam, Kanwal Akhtar, Saira Riaz and Shahzad Naseem, "Structural and magnetic properties of lower temperature calcined iron oxide nanoparticles", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5700*)
509. M Azam, M Amir Zeeshan, Saira Riaz and Shahzad Naseem, "Structural and magnetic properties of MgFe₂O₄ thin films", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5705*)
510. Aisha Batool, Farah Kanwal, Saira Riaz, Shahid Atiq and Shahzad Naseem, "Effect of non-ionic surfactant on the structural and dielectric properties of polypyrrole", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5710*)

511. M Habib, S Sajjad Hussain, Saira Riaz and Shahzad Naseem, "Preparation and characterization of ZnO nanowires and their applications in CO₂ gas sensors", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5714*)
512. M Khalid, Waseem Raza, Saira Riaz and Shahzad Naseem, "Simulation and analysis of static and dynamic performance of normally-off 4H-SiC TIVJFET using Sentaurus TCAD", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5720*)
513. M Khalid, Saira Riaz and Shahzad Naseem, "Normally-on 4H-SiC Vertical Junction Field Effect Transistor (VJFET): Design and analysis using TCAD simulation", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5726*)
514. M Akram Raza, Saira Riaz and Shahzad Naseem, "Size dependant N₂-gas sensing characteristics of gold nanoparticles", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5731*)
515. S Mazhar H Shah, Saira Riaz, Shahid Atiq and Shahzad Naseem, "Structural, dielectric and magnetic properties of potassium doped bismuth iron oxide thin films", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5736*)
516. Mussarat Fatima, Saira Riaz, Zohra N Kayani and Shahzad Naseem, "Effect of calcination on phase transition in iron oxide nanoparticles", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5743*)
517. Farzana Majid, Saira Riaz, Adnan Naseer and Shahzad Naseem, "Structural and magnetic properties of BiFe_{1-x}Mn_xO₃ thin films", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5748*)
518. Robina Ashraf, Saira Riaz, S Sajjad Hussain and Shahzad Naseem, "Effect of pH on properties of ZnO nanoparticles", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5754*)
519. Rabia N Khan, Nasir Ali, Saira Riaz and Shahzad Naseem, "Effect of calcination on properties of cobalt doped ZnO nanoparticles", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5765*)
520. Nasir Ali, Mahwish Bashir, Shafaq Batool, Saira Riaz and Shahzad Naseem, "Structural and optical properties of zirconia thin films", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5771*)
521. Mahwish Bashir, Saira Riaz and Shahzad Naseem, "Structural and mechanical properties of sucrose added zirconia thin films", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5777*)

522. Imtiaz Ahmad, Mahwish Bashir, Afifa Sadaqat, Saira Riaz and Shahzad Naseem, "Effects of temperature on zirconia nanoparticles during and after synthesis", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5786*)
523. Sehrish Gul, Anum Azam, Nazmina Imrose, Saira Riaz and Shahzad Naseem, "Tin oxide thin films prepared by sol-gel for PV application", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5793*)
524. Zohra N Kayani, Mehak Butt, Yasmeen Ali, Saira Riaz and Shahzad Naseem, "Structural and optical study of NiO nanoparticles", Presented at the International Conference on Solid State Physics – 2013, University of the Punjab, Lahore, Pakistan, December 1-6, 2013 (*Materials Today: Proceedings, Vol. 2, Issue 10, Part B, 2015, 5804*)
525. Saira Riaz and Shahzad Naseem, "Synthesis and characterization of CdS nanoparticles", Presented at International Conference on Materials and Engineering Technology (ICMET), Beijing, China, December 19-20, 2013
526. Shahzad Naseem and Saira Riaz, "Optical and structural analysis of $Zn_xCd_{1-x}S$ ($x=0-1$) thin films", Presented at International Conference on Materials and Engineering Technology (ICMET), Beijing, China, December 19-20, 2013
527. A Majid, Shahid Atiq, Saira Riaz and Shahzad Naseem, "Sol-Gel synthesis of titanium oxide nano crystallites for photocatalytic applications", Presented at International Scientific Spring-2014, organized by National Centre for Physics (NCP), Islamabad, and ICTP, Itay, QAU, Islamabad, Pakistan, March 11-14, 2014
528. Mahwish Bashir, Saira Riaz, M Saeed Akhtar and Shahzad Naseem, "Synthesis and characterization of Fe_3O_4 stabilized ZrO_2 nanoparticles", Proc. The 2014 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'14), August 24-28, 2014, BEXCO, Busan, Korea (http://www.i-asem.org/acem14_publication.html)
529. Zohra N Kayani, S Arshad, Saira Riaz, Rehana Zia and Shahzad Naseem, "Structural characterization and optical properties of cobalt oxide thin films", Proc. The 2014 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'14), August 24-28, 2014, BEXCO, Busan, Korea (http://www.i-asem.org/acem14_publication.html)
530. Shahzad Naseem, Farzana Majid and Saira Riaz, "Effect of reaction temperature on structural, magnetic and dielectric properties of bismuth iron oxide nanoparticles", Proc. The 2014 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'14), August 24-28, 2014, BEXCO, Busan, Korea (http://www.i-asem.org/acem14_publication.html)
531. M Saeed Akhtar, Saira Riaz, S Sajjad Hussain and Shahzad Naseem, "Magnetic properties of un-doped and Fe-doped ZnS thin films", Proc. The 2014 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'14), August 24-28, 2014, BEXCO, Busan, Korea (http://www.i-asem.org/acem14_publication.html)
532. Mahwish Bashir, Saira Riaz and Shahzad Naseem, "Structural and mechanical properties of polymer additive based zirconia thin films prepared by Sol-Gel", Proc. The 2014 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'14), August 24-28, 2014, BEXCO, Busan, Korea (http://www.i-asem.org/acem14_publication.html)
533. Mahwish Bashir, Saira Riaz and Shahzad Naseem, "Synthesis and characterization of polymer additives based nanocrystalline zirconia by Sol-Gel method for teeth coatings", Proc. The 2014 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'14), August 24-28, 2014, BEXCO, Busan, Korea (http://www.i-asem.org/acem14_publication.html)

534. Aseya Akbar, Saira Riaz, Shahzad Naseem and Aisha Batool, "Effect of pH on structural properties of iron oxide thin films", Proc. The 2014 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'14), August 24-28, 2014, BEXCO, Busan, Korea (http://www.i-asem.org/acem14_publication.html)
535. Shumaila Islam, R Abdul Rahman, Saira Riaz, Z Othaman, M Alam Saeed and Shahzad Naseem, "Sol-Gel modified high surface area hybrid nano-composite as pH sensor", Proc. The 2014 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'14), August 24-28, 2014, BEXCO, Busan, Korea (http://www.i-asem.org/acem14_publication.html)
536. Shahid Atiq, T Hussain, Saira Riaz and Shahzad Naseem, "Structural and dielectric properties of Zn-doped MgAl₂O₄", Proc. The 2014 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'14), August 24-28, 2014, BEXCO, Busan, Korea (http://www.i-asem.org/acem14_publication.html)
537. Shahid Atiq, M Majid, Saira Riaz and Shahzad Naseem, "Optimizing the synthesis of titanium oxide nano-crystallites using low cost organic fuels", Proc. The 2014 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'14), August 24-28, 2014, BEXCO, Busan, Korea (http://www.i-asem.org/acem14_publication.html)
538. Shumaila Islam, R Abdul Rahman, Saira Riaz, Shahzad Naseem, Z Othaman and M Alam Saeed "High surface area SiO₂-TiO₂ nano-composite as pH sensor", Proc. The 2014 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'14), August 24-28, 2014, BEXCO, Busan, Korea (http://www.i-asem.org/acem14_publication.html)
539. M Akram Raza, Saira Riaz and Shahzad Naseem, "Optical sensing of carbon dioxide based on colloidal gold nanoparticles", Proc. The 2014 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'14), August 24-28, 2014, BEXCO, Busan, Korea (http://www.i-asem.org/acem14_publication.html)
540. Saira Riaz, M Akram Raza and Shahzad Naseem, "Synthesis and characterization of indium tin oxide nanoparticles", Proc. The 2014 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'14), August 24-28, 2014, BEXCO, Busan, Korea (http://www.i-asem.org/acem14_publication.html)
541. M Khalid, Saira Riaz and Shahzad Naseem, "First principle calculation of indium doped ZnO using LDA and GGA approximation", Proc. The 2014 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'14), August 24-28, 2014, BEXCO, Busan, Korea (http://www.i-asem.org/acem14_publication.html)
542. Farzana Majid, Saira Riaz, Shahid Atiq and Shahzad Naseem, "Structural, optical and dielectric properties of electrodeposited Al₂O₃ thin films", Proc. The 2014 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'14), August 24-28, 2014, BEXCO, Busan, Korea (http://www.i-asem.org/acem14_publication.html)
543. Farzana Majid, Saira Riaz and Shahzad Naseem, "Dielectric properties of sputtered Al₂O₃ thin films", Proc. The 2014 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'14), August 24-28, 2014, BEXCO, Busan, Korea (http://www.i-asem.org/acem14_publication.html)
544. Saira Riaz and Shahzad Naseem, "Chemical synthesis of Cr doped iron oxide nanoparticles", Proc. The 2014 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'14), August 24-28, 2014, BEXCO, Busan, Korea (http://www.i-asem.org/acem14_publication.html)

545. Saira Riaz and Shahzad Naseem, "Structural and magnetic properties of Co doped iron oxide nanoparticles", Proc. The 2014 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'14), August 24-28, 2014, BEXCO, Busan, Korea (http://www.i-asem.org/acem14_publication.html)
546. Aseyak Akbar, Saira Riaz, Zohra N Kayani and Shahzad Naseem, "Effect of Co doping on structural properties of hematite thin films", Proc. The 2014 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'14), August 24-28, 2014, BEXCO, Busan, Korea (http://www.i-asem.org/acem14_publication.html)
547. S Mazhar H Shah, Saira Riaz, Shahid Atiq and Shahzad Naseem, "Structural and dielectric properties of Sol-Gel prepared BiFeO₃ thin films", Proc. The 2014 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'14), August 24-28, 2014, BEXCO, Busan, Korea (http://www.i-asem.org/acem14_publication.html)
548. Aseyak Akbar, Saira Riaz and Shahzad Naseem, "Effect of Al doping on structural and magnetic properties of iron oxide thin films prepared by Sol-Gel method", Proc. The 2014 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'14), August 24-28, 2014, BEXCO, Busan, Korea (http://www.i-asem.org/acem14_publication.html)
549. M Khalid, Saira Riaz, Shahzad Naseem and M Azam, "Theoretical study of spinel structure of FeAl₂O₄ using Density Functional Theory", Proc. The 2014 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'14), August 24-28, 2014, BEXCO, Busan, Korea (http://www.i-asem.org/acem14_publication.html)
550. S Mazhar H Shah, Saira Riaz, Shahid Atiq and Shahzad Naseem, "Structural and dielectric properties of Bi_{1-x}La_xFeO₃ thin films", Proc. The 2014 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'14), August 24-28, 2014, BEXCO, Busan, Korea (http://www.i-asem.org/acem14_publication.html)
551. Farzana Majid, Saira Riaz and Shahzad Naseem, "Ferromagnetic and dielectric behavior of bismuth iron oxide nanoparticles under as-synthesized conditions", Proc. The 2014 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'14), August 24-28, 2014, BEXCO, Busan, Korea (http://www.i-asem.org/acem14_publication.html)
552. Robina Ashraf, Saira Riaz and Shahzad Naseem, "Structural, electronic and optical properties of γ -Fe₂O₃ by ADF", Proc. The 2014 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'14), August 24-28, 2014, BEXCO, Busan, Korea (http://www.i-asem.org/acem14_publication.html)
553. Robina Ashraf, Saira Riaz and Shahzad Naseem, "Theoretical investigation of effect of cobalt doping on properties of iron oxide by ADF", Proc. The 2014 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'14), August 24-28, 2014, BEXCO, Busan, Korea (http://www.i-asem.org/acem14_publication.html)
554. Robina Ashraf, Saira Riaz, M Saeed Akhtar and Shahzad Naseem, "Study of structural and electronic properties of iron oxide by ADF", Proc. The 2014 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'14), August 24-28, 2014, BEXCO, Busan, Korea (http://www.i-asem.org/acem14_publication.html)
555. Aisha Batool, Farah Kanwal, Saira Riaz, A Abbas and Shahzad Naseem, "Study of Polyaniline/maghemite nanocomposites by chemical oxidation", Proc. The 2014 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'14), August 24-28, 2014, BEXCO, Busan, Korea (http://www.i-asem.org/acem14_publication.html)

556. Saira Riaz, Robina Ashraf, Shumaila Islam and Shahzad Naseem, “Effect of pH on the structural properties of iron oxide nanoparticles”, Proc. The 2014 World Congress on Advances in Civil, Environmental and Materials Research (ACEM’14), August 24-28, 2014, BEXCO, Busan, Korea (http://www.i-asem.org/acem14_publication.html)
557. Saira Riaz, Shahzad Naseem and XF Han, “Citric acid coated iron oxide nanoparticles – structural and magnetic properties”, IEEE Magnetics Conference (INTERMAG), 11-15 May 2015, Beijing, China
558. Mahwish Bashir, Robina Ashraf, Aseya Akbar, Saira Riaz and Shahzad Naseem, “Effect of calcination on structural and magnetic properties of Co-doped ZnO nanostructures”, IEEE Magnetics Conference (INTERMAG), 11-15 May 2015, Beijing, China
559. Shahid Atiq, SM Ramay, A Mahmood, Saira Riaz and Shahzad Naseem, “Magnetically recycleable Pd-modified NiFe₂O₄ nanoparticles”, IEEE Magnetics Conference (INTERMAG), 11-15 May 2015, Beijing, China
560. Shahid Atiq, SA Siddiqi, HS Ko, Saira Riaz, Shahzad Naseem and SC Shin, “Epitaxial growth and magnetic characterization of γ' Fe₄N thin films”, IEEE Magnetics Conference (INTERMAG), 11-15 May 2015, Beijing, China
561. S Sajjad Hussain, M Imran, Saira Riaz and Shahzad Naseem, “Variations in structural and magnetic properties of sol-gel deposited hematite – Dependence on annealing conditions”, Proceedings of the International Conference on Sustainable Materials Science and Technology, 15-17 July 2015, Paris, France (http://www.scienceknowconferences.com/files/extended_abstracts/smst2015/Materials%20in%20Research/Variations%20in%20Structural%20and%20Magnetic%20Properties%20of%20Sol-Gel%20deposited%20Hematite%20-%20Dependence%20on%20Annealing%20Conditions.pdf)
562. S Sajjad Hussain, Farman Ullah Khan, Saira Riaz and Shahzad Naseem, “Sol-gel prepared and spin coated TiO₂ thin films for DSSC: Optical and structural properties”, Proceedings of the International Conference on Sustainable Materials Science and Technology, 15-17 July 2015, Paris, France (http://www.scienceknowconferences.com/files/extended_abstracts/smst2015/Materials%20in%20Research/Sol-Gel%20Prepared%20and%20Spin%20Coated%20TiO2%20Thin%20Films%20for%20DSSC%20Optical%20and%20Structural%20Properties.pdf)
563. Hadia Noor, M Tahir, Saira Riaz, Kamran Abid and Shahzad Naseem, “Surface Studies of La doped Bismuth Iron Oxide Nano-particles by Scanning Kelvin Probe System”, Proceedings of the International Conference on Sustainable Materials Science and Technology, 15-17 July 2015, Paris, France (http://www.scienceknowconferences.com/files/extended_abstracts/smst2015/Sustainable%20Materials/Surface%20Studies%20of%20La%20doped%20Bismuth%20Iron%20Oxide%20Nano-particles%20by%20Scanning%20Kelvin%20Probe%20System.pdf)
564. Hadia Noor, Hassan Yousaf, M Adnan Naseer, N Iqbal, N Tariq, Saira Riaz and Shahzad Naseem, “Ball milling effect on structural, optical and dielectric properties of Y₂O₃”, Proceedings of the International Conference on Sustainable Materials Science and Technology, 15-17 July 2015, Paris, France (http://www.scienceknowconferences.com/files/extended_abstracts/smst2015/Sustainable%20Materials/Ball%20Milling%20Effect%20on%20Structural%20Optical%20and%20Dielectric%20Properties%20of%20Y2O3.pdf)
565. Imran Ali, J Jiang, Shahzad Naseem, A. Sadaqat and MK Khan, “Fabrication of Screen Printed Optoelectronic CdS/CdTe device”, Proc. SPIE 9624, 2015 International Conference on Optical Instruments and Technology: Micro/Nano Photonics and Fabrication, 17 May 2015, Beijing, China (<http://dx.doi.org/10.1117/12.2193560>)

566. Salman Jutt, Saira Riaz and Shahzad Naseem, "Ethylene glycol mediated zirconia based protective teeth coatings - Effect of reaction temperature", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
567. Ghulshan Ayub, Saira Riaz and Shahzad Naseem, "Preparation and characterization of TiO₂ doped ZrO₂ thin films for dentistry applications", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
568. Mahwish Bashir, Y-J Guo, Saira Riaz and Shahzad Naseem, "Sol-Gel synthesis of biocompatible TiO₂ doped ZrO₂ nanoparticles", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
569. Zakia Kanwal, M Akram Raza, Zaeema Usman, Saira Riaz and Shahzad Naseem, "Effect of sub-acute exposure to nickel nanoparticles on haematological, histopathological and biochemical responses in freshwater fish *Labeo rohita*", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
570. Maryam Nadeem, M Akram Raza, Zakia Kanwal, Saira Riaz and Shahzad Naseem, "Nanoscale synthesis, characterization and antibacterial studies of nickel nanoparticles", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
571. Bushra Bukhari, Saira Riaz and Shahzad Naseem, "Formation of zirconia nanostructures using citric acid as additive", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
572. Natasha Tariq, Nimra Iqbal, Hadia Noor, Saira Riaz and Shahzad Naseem, "Effect of milling time on the structural and dielectric properties of Al₂O₃", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
573. S Kumail Abbas, Shahid Atiq, Saira Riaz and Shahzad Naseem, "Frequency and temperature dependent electrical characterization to study the variation in conductivity and activation energy of SrMnO₃ Nano-crystallites", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
574. S Kumail Abbas, Tanveer Hussain, Shahid Atiq, Saira Riaz and Shahzad Naseem, "Non-linear dielectric behaviour studies of Rietveld refined Mg-substituted zinc aluminate", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
575. Robina Ashraf, M Azam, Tariq Mahmood, Saira Riaz and Shahzad Naseem, "Comparison of structural, optical and magnetic properties of iron oxide by using GGA+U and LDA+U", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
576. Robina Ashraf, Tariq Mahmood, Saira Riaz and Shahzad Naseem, "DFT analysis of iron oxide by using GGA and GGA+U approach in ADF", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015

577. Robina Ashraf, Saira Riaz, Tariq Mahmood and Shahzad Naseem, "Effect of Hubbard potential on electronic, structural, optical and magnetic properties of hematite", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
578. Robina Ashraf, Tariq Mahmood, M Azam, Saira Riaz and Shahzad Naseem, "Investigation of electronic, optical and magnetic properties of magnetite by using DFT+U approach", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
579. Robina Ashraf, Saira Riaz, Tariq Mehmood and Shahzad Naseem, "Study of electronic, optical and magnetic properties of maghemite by Density Functional Theory", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
580. Khalil Ahmad and Shahzad Naseem, "Effect of doping densities on internal parameters of ITO/InP solar cells", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
581. Shabana Aziz, Saira Riaz and Shahzad Naseem, "Simulation and modeling of break-down voltage of InGaAs based HEMT using TCAD", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
582. Deborah Eric, Saira Riaz and Shahzad Naseem, "Designing and simulation of IGBT using SYNOPSIS TCAD", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
583. Abdullah Bin Zahid, Saira Riaz and Shahzad Naseem, "Finger type MESFET design on 4H-SiC Material", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
584. M Javaid Iqbal, Ali Ahmad, M Adnan Naseer, M Imran, Saira Riaz and Shahzad Naseem, "Carbon nanotube network-based Field Effect Transistor", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
585. Shehla Jabeen, Faiza Arshad, M Javaid Iqbal, M Akram Raza, Saira Riaz and Shahzad Naseem, "Nanoparticles-based MTJ Field Effect Transistor", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
586. Maryam Basit, Saira Riaz and Shahzad Naseem, "Synthesis and characterization of CdS and CdTe nanoparticles for photovoltaic application", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
587. Imran Sadiq, Shahzad Naseem, Hassan Mahmood, M Naeem Ashiq and Mazhar Rana, "Enhanced microwave absorption properties of Pr-Cu substituted nanomaterial", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
588. Maria Zahid, Misbah-Ul-Islam, MS Awan, M Naeem Ashiq, Irshad Ali, Mukhtar Ahmed, Shahzad Naseem and Hasan M Khan, "Effect of dysprosium on structural and physical properties of $Ba_2NiCoFe_{12}O_{22}Y$ -type hexaferrites", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015

589. Shahid Atiq, Omer Arif, Saira Riaz, Shahid M Ramay, Asif Mahmood and Shahzad Naseem, "Structural and dielectric analysis of M-type BaFe₁₂O₁₉ hexaferrites synthesized by sol-gel auto-combustion", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
590. Shahid Atiq, Omer Arif, M Burhan Shafqat, Murtaza Saleem, Saira Riaz and Shahzad Naseem, "Influence of sintering temperature on structural, morphological and magnetic properties of barium hexaferrite nanoparticles", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
591. Zohra N Kayani, Iqra Shah, Saira Riaz and Shahzad Naseem, "Role of Co doping on structural, optical and magnetic properties of ZnO nanoparticles", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
592. M Imran, M Khaleeq-ur-Rahman, Saira Riaz and Shahzad Naseem, "Controlled phase transition in titania nanoparticles –Effect of calcination temperature", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
593. M Azam, S Sajjad Hussain, Y-J Guo, Saira Riaz and Shahzad Naseem, "Influence of aluminum incorporation on iron oxide nanoparticles for high frequency application", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
594. Sumeera Shaheen, Saira Riaz, Arfan Bukhtiar, S Sajjad Hussain and Shahzad Naseem, "Tailoring the magnetic, dielectric and structural properties of cobalt doped α -Fe₂O₃ nanoparticles", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
595. Farzana Majid, S Sajjad Hussain, Saira Riaz and Shahzad Naseem, "Size distribution and magnetic optimization of phase pure chromium doped magnetite nanoparticles", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
596. Sumeera Shaheen, M Khaleeq-ur-Rahman, Arfan Bukhtiar, Saira Riaz and Shahzad Naseem, "Exploration of structural and magnetic properties of iron oxide nanopowders for use in medical applications", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
597. Farzana Majid, Saira Riaz, M Farooq and Shahzad Naseem, "Mn Doped BiFeO₃ nanostructures with tunable magnetic and dielectric properties", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
598. Saira Riaz, Asif Mehmood, and Shahzad Naseem, "Size dependent ferromagnetism in bismuth iron oxide nanoparticles for magnetoelectric applications", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
599. Wajiha Arif, Saira Riaz, YB Xu and Shahzad Naseem, "Systematic variation in structural, magnetic and dielectric properties of BiFeO₃ nanoparticles by A Site substitution", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015

600. Attia Awan, Saira Riaz and Shahzad Naseem, "Controlling the magnetic properties of bismuth iron oxide nanoparticles using thermal treatment", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
601. Sidra Khan, Saira Riaz and Shahzad Naseem, "Effect of Fe/Ca co-doping on the properties of BaTiO₃ nanorods", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
602. Sidra Khan, Saira Riaz and Shahzad Naseem, "Effect of Ca Doping on the properties of BaTiO₃ nanorods", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
603. Sidra Khan, Saira Riaz and Shahzad Naseem, "Preferentially oriented growth of iron oxide nanorods on glass substrate", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
604. S Mudassar Muzafar, Sidra Khan, Saira Riaz and Shahzad Naseem, "Effect on the structural orientation of ZnO nanorods by changing the molarity of the precursor material", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
605. Waqar Azeem, M Adnan Naseer, Saira Riaz and Shahzad Naseem, "Effect of thermal treatment on phase stability of A Site doped bismuth iron oxide - Magnetic and dielectric properties", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
606. Saima Shaukat, M Khaleeq-Ur-Rahman, Usman Illyas, Shahzad Naseem and RS Rawat, "Structural, morphological and optical signatures of Ni doped chromium oxide nanostructured thin films", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
607. Nouraz Mushtaq, M Saeed Akhtar, Naveed Ahmed, Sidra Khan, Saira Riaz and Shahzad Naseem, "Effect of reactants concentration on growth and morphology of ZnO nanorods", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
608. M Nadeem, Munir Ahmad, M Saeed Akhtar, Imran Altaf, Amiruddin Shaari, Saira Riaz, Shahzad Naseem and M Alam Saeed, "Aqueous suspension and cytotoxicity of uncoated iron oxide nanoparticles", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
609. Iqra Afzal, M Khaleeq-ur-Rahman, Saira Riaz and Shahzad Naseem, "Effect of pH on structural and dielectric properties of zirconia nanocrystallites", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
610. Maryam Erum, Shahid Atiq, Saira Riaz and Shahzad Naseem, "Mechanical and dielectric studies of zirconia prepared by sol gel", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
611. Saira Riaz, Shahid Atiq and Shahzad Naseem, "Magnetic and dielectric properties of Fe₃O₄ - ZrO₂ nanocomposites", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
612. Bushra Bukhari, M Khaleeq-ur-Rahman, Saira Riaz and Shahzad Naseem, "Phase transition in zirconia nanoparticles-effect of molarity", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015

613. Nudrat Humera, M Khaleeq-ur-Rahman, Saira Riaz and Shahzad Naseem, "Structural mechanical and morphological properties TiO₂ doped zirconia: Effect of reaction temperature", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
614. Mahwish Bashir, Y-J Guo, Saira Riaz and Shahzad Naseem, "Enhanced structural, mechanical and morphological properties of Zn doped zirconia nanocrystallites: Effect of synthesis temperature", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
615. Rabia Akram, Saira Riaz and Shahzad Naseem, "Structural and magnetic properties of electrodeposited iron aluminum oxide nanostructures", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
616. Shumaila Islam, Noriah Bidin, Siti Suryani Kasbullah, Saira Riaz, Nuraqilah Samsudin and Shahzad Naseem, "Sol-Gel synthesis and characterization of erbium doped mullite nanoparticles", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
617. Saira Riaz, S Sajjad Hussain, M Asghar Hashmi, Hadia Noor and Shahzad Naseem, "UV photoluminescence of ZnO thin films synthesized by Sol-Gel method", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
618. Jane Albert, Saira Riaz, Shahid Atiq and Shahzad Naseem, "Systematic magnetic and dielectric investigations of aluminum doped iron oxide thin films", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
619. M Shakeel, Sidra Khan, Saira Riaz and Shahzad Naseem, "Investigation of morphological and structural behavior of ZnO nanorods on different substrates", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
620. Aqsa Shahid, Shahid Atiq, Saira Riaz and Shahzad Naseem, "Impedance analysis of magnesium doped hematite thin films", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
621. Adeela Nairan, Usman Khan, Arfan Bukhtiar, Saira Riaz, Munawar Iqbal, Maaz Khan and Shahzad Naseem, "Structural and magnetic response in bimetallic core-shell nanoparticles", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
622. Riffat Irfan, Mahmood Hassan, Ghulam Murtaza, S Sajjad Hussain, Saira Riaz and Shahzad Naseem, "Structural, ferromagnetic and surface morphological properties of Zn_{1-x}Zr_xO fabricated by co-precipitation method", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
623. Saima Younas, Mahmood Hassan, Falak Sher, S Sajjad Hussain, Saira Riaz and Shahzad Naseem, "Synthesis of single phase Zn_{1-x}Mn_xS and study of structural, ferromagnetic and surface morphological characteristics", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
624. Shamsa Afzal, Saira Riaz and Shahzad Naseem, "Controlled synthesis of zirconia nanoparticles with Fe₂O₃ doping", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015

625. Kiran Idrees, Shahid Atiq, Saira Riaz and Shahzad Naseem, "Enhancement of dielectric properties of methanol stabilized zirconia nanopowders", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
626. Mahwish Bashir, S Nudrat Humera, Y-J Guo, Saira Riaz and Shahzad Naseem, "Analysis of enhanced mechanical strength in ethylene glycol based ZrO₂ nanoparticles", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
627. Shahid Atiq, Ayesha Khalid, Shahid M Ramay, Asif Mahmood, Saira Riaz and Shahzad Naseem, "Magneto-electric investigation of (Mn, Cu) co-doped BiFeO₃ multiferroics", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
628. M Amin, Hafiz M Rafique, M Yousaf, Shahid M Ramay, Shahid Atiq and Shahzad Naseem, "Tailoring the structural, morphological and dielectric characteristics of Sr/Mn modified BiFeO₃ multiferroics", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
629. Usman Asghar, M Mustafa, Ayesha Khalid, Shahid Atiq, Saira Riaz and Shahzad Naseem, "Multiferroic characteristics of Ba/Co co-doped BiFeO₃", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
630. Zobia Arshad, M Akram Raza, Zakia Kanwal, Saira Riaz and Shahzad Naseem, "Solution based synthesis, characterization and antimicrobial properties of gold nanoparticles", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
631. Shahid M Ramay, Hafiz Hamza Assi, Shahid Atiq, Asif Mahmood, Saira Riaz and Shahzad Naseem, "Structural, optical and photocatalytic study of nanostructured Mg-substituted CoFe₂O₄ magnetic photocatalysts", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
632. M Furqan, M Sajid Shafiq, Shahid Atiq, Murtaza Saleem, Saira Riaz and Shahzad Naseem, "Structural, electrical and magnetic properties of sol-gel synthesized Zn_{0.95-x}Mn_xFe_{0.05}O (0 ≤ x ≤ 0.05) dilute magnetic semiconductors", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
633. Shahid Atiq, Adnan Afzal, Murtaza Saleem, Shahid M Ramay, Saadat Anwar Siddiqi, Saira Riaz and Shahzad Naseem, "Sol-gel synthesis and investigation of structural, morphological and magnetic properties of Cr₂O₃ and MnCr₂O₄ nanoparticles", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
634. Shumaila Islam, Noriah Bidin, Ganesan Krishnan, Saira Riaz and Shahzad Naseem, "Development of Sol-Gel based nanoscale heterogeneous materials as photocatalyst", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
635. Amna Ali, Saira Riaz, Arfan Bukhtiar, YB Xu and Shahzad Naseem, "Size controlled structural and magnetic properties of inverse spinel iron oxide nanoparticles", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
636. Asif Hussain, Saira Riaz, Shahid Atiq, S Sajjad Husain and Shahzad Naseem, "Role of Fe³⁺/Fe²⁺ on magnetization and dielectric properties of sol-gel deposited magnetite thin films", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015

637. S Zaheer H Shah, Shumaila Islam, Y-J Guo, Saira Riaz and Shahzad Naseem, "Sol-Gel synthesis of iron oxide nanoparticles – Effect of molar concentration", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
638. M Imran, Saira Riaz, Shahid Atiq, YB Xu and Shahzad Naseem, "Effect of 3d metal doping on ferromagnetism and dielectric properties of magnetite thin films", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
639. Saira Riaz and Shahzad Naseem, "Magnetic investigations of crystalline and non-crystalline iron oxide nanoparticles for cancer therapy", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
640. S Zaheer H Shah, Shumaila Islam, Y-J Guo, Saira Riaz and Shahzad Naseem, "Impact of manganese doping on microstructural, magnetic and dielectric properties of corundum iron oxide nanoparticles", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
641. M Tahir, Saira Riaz, Shahid Atiq, S Sajjad Hussain and Shahzad Naseem, "Tuning the dielectric and optical properties of bismuth iron oxide thin films", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
642. M Adnan Naseer, Saira Riaz, Shahid Atiq and Shahzad Naseem, "Phase stability of A Site doped bismuth iron oxide nanoparticles – Magnetic and dielectric properties", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
643. Hafiza Amna Siddiqi, Saira Riaz and Shahzad Naseem, "Effect of calcination temperature on structural and mechanical properties of ZnO-doped zirconia nanoparticles by sol-gel", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
644. Hafiza Syeda Faiza, Saira Riaz and Shahzad Naseem, "Ethylene glycol mediated structural, mechanical and optical properties of ZrO₂ thin films prepared by sol gel method", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
645. Mahwish Bashir, Saira Riaz and Shahzad Naseem, "Structural, optical and mechanical properties of organic additive based zirconia thin films prepared by sol-gel", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
646. Zohra N Kayani, Saima Irum, Bareera Zulfiqar, Saira Riaz and Shahzad Naseem, "Effect of cobalt doping on structural and magnetic properties of Co doped ZnO thin films", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
647. Zohra N Kayani, Bareera Zulfiqar, Iqra Shah, Saira Riaz and Shahzad Naseem, "Role of aluminium doping on electrical, structural and magnetic properties of Al doped CoZnO thin films", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
648. Hassan Yousaf, Saira Riaz, Asif Mehmood and Shahzad Naseem, "Structural and optical investigations of Sol-Gel synthesized iron oxide thin films for solar radiation filters", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015

649. Asif Hussain, Saira Riaz, Hadia Noor and Shahzad Naseem, "Effect of Fe_2O_3 on structural and magnetic properties of half metallic Fe_3O_4 thin films", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
650. Saba Mustafa, Saira Riaz, Shahid Atiq and Shahzad Naseem, "Magnetic and dielectric investigations of cobalt doped $\alpha\text{-Fe}_2\text{O}_3$ thin films for spintronic applications", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
651. Hassan Yousaf, Saira Riaz, YB Xu, Shahid Atiq and Shahzad Naseem, "Variations in optical and dielectric properties of transition metal doped polycrystalline iron oxide thin films", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
652. Aqsa Shahid, Saira Riaz, Zohra N Kayani and Shahzad Naseem, "Structural, magnetic and dielectric properties of nickel doped hematite thin films", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
653. M Tahir, Saira Riaz, S Sajjad Hussain, Shahid Atiq, M Farooq and Shahzad Naseem, "Dependence of dielectric and optical properties on Ni^{3+} doping in multiferroic BiFeO_3 thin films", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
654. M Tahir, Saira Riaz and Shahzad Naseem, "Optical investigation of B Site doped bismuth iron oxide thin films for advanced photonic applications", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
655. Hadia Noor, Saira Riaz and Shahzad Naseem, "Band gap tailoring of A site doped BiFeO_3 coatings for optoelectronic devices", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
656. Hafsa Faiz, Khurram Siraj, Jaweria Zartaj Hashmi, M Fiaz Khan, Muneeb Irshad, M Shahid Rafique and Shahzad Naseem, "Microstructural and optical properties of dysprosium doped CuO thin films fabricated by pulsed laser deposition technique", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
657. Samar Tariq, Sajid ur Rehman, Saira Riaz and Shahzad Naseem, "Structural and magnetic properties of iron aluminium oxide thin films", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
658. Urfa Munir, Kanwal Akhtar, Saira Riaz and Shahzad Naseem, "Post thermal treatment of electrodeposited iron aluminum oxide thin films", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
659. Rida Ahmed, Saira Riaz and Shahzad Naseem, "Sol gel synthesized TiO_2 doped zirconia thin films - structural, mechanical and optical properties", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015

660. Aseya Akbar, Arfan Bukhtiar, Saira Riaz and Shahzad Naseem, "Effect of barium doping on strengthened structural and magnetic properties of bismuth iron oxide thin films", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
661. Aseya Akbar, Saira Riaz, Arfan Bukhtiar, Hadia Noor, Shahid Atiq and Shahzad Naseem, "Magnetization and dielectric properties of Sol-Gel deposited magnetite thin films", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
662. Lubna Naheed, Shahzad Naseem, Shahzad Alam, M Irfan and Saira Riaz, "Friction and wear properties of diamond like carbon coatings (DLC) and nanocomposite (AlTiN/Si₃N₄) PVD coatings for engine application", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
663. Unaiza Nafees, Saira Riaz and Shahzad Naseem, "Magnetic and magnetization properties of MF annealed magnesium iron oxide thin films", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
664. Aseya Akbar, Saira Riaz, Asif Mehmood, Arfan Bukhtiar, Shahid Atiq, Shahid M Ramay and Shahzad Naseem, "Structural, magnetic and dielectric properties of Fe₂O₃ thin films – Effect of Fe³⁺ / Fe²⁺ ratio", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
665. Salman Jutt, Saira Riaz and Shahzad Naseem, "Stabilization of zirconia ceramics for dental coatings - variation in synthesis temperature", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
666. Shamsa Afzal, Saira Riaz and Shahzad Naseem, "Synthesis and characterization of iron oxide doped zirconia nanoparticles – NH₃ as gelation agent", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
667. Imtiaz Ahmad, Saira Riaz and Shahzad Naseem, "Synthesis of bio-compatible magnetite stabilized zirconia thin films", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
668. Shahid Atiq, Ayesha Khalid, Maryam Ali, Shahid M Ramay, Asif Mahmood, Ghulam M Mustafa and Shahzad Naseem, "Structural and dielectric properties of (Mn, Cu) co-doped BiFeO₃ ceramics", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
669. S Kumail Abbas, Hafiz M Amir, Shahid Atiq, Murtaza Saleem, Saira Riaz and Shahzad Naseem, "Optimization of structural and electrical characteristics via chemically controlled Ba substitution in strontium manganese based perovskites", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
670. Hafiz M Amir, M Adnan Aslam, S Kumail Abbas, Shahid Atiq, Saira Riaz and Shahzad Naseem, "Effect of Ba substitution at Sr site on the electrical impedance functionality of nanostructured SrMnO₃ hexagonal perovskites", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
671. Zohra N Kayani, Rabia Ishaque, Aroosha Munir, Saira Riaz and Shahzad Naseem, "Microstructure evolution of Al doped CoZnO films derived from dip coating Sol-Gel technique", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015

672. Nimra Riaz, Debrah Eric, Saira Riaz and Shahzad Naseem, "Modelling and simulation of planar and pyramid LED structures", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
673. Shabana Aziz, Iqra Arshad, Saira Riaz and Shahzad Naseem, "Analysis of DC characteristics of heterojunction bipolar junction transistor using Sentaurus TCAD", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
674. Syeda Nosheen Zohra, Saira Riaz and Shahzad Naseem, "Modeling and simulation of silicon NMOS by using Sentaurus TCAD", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
675. Ayman Maqsood, Debroach Eric, Saira Riaz and Shahzad Naseem, "Simulation and modeling of edge emitting diode laser using GaAs/AlGaAs by TCAD", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
676. Fakhira Miraj, Sidra Bashir, Saira Riaz and Shahzad Naseem, "Modelling and simulation of silicon PMOS by using Sentaurus TCAD", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
677. Kiran Idrees, Saira Riaz and Shahzad Naseem, "Endurance/Life Cycle test for MEMS switch", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
678. Jane Albert, Saira Riaz and Shahzad Naseem, "Fabrication and optimization of Co₇₅Fe₂₅ granular magnetic tunnel junctions", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
679. Abdullah Abid, Mahmood Hassan, S Sajjad Hussain, Saira Riaz and Shahzad Naseem, "Temperature dependence of structural, morphological, electrical and magnetic properties of BiFeO₃ prepared by co-precipitation method", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
680. Natasha Tariq, Saira Riaz and Shahzad Naseem, "Fabrication and exchange bias studies in Fe doped TiO₂ nanowires", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
681. Ghulam M Mustafa, Shahid Atiq, M Raza, Saira Riaz, Shahzad Naseem and Ijaz M Ghauri, "Microbiological influenced corrosion of stainless steel SS-304", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
682. Sumeera Shaheen, Saira Riaz, Arfan Bukhtiar, YB Xu and Shahzad Naseem, "Complex impedance spectroscopy of chromium substituted iron oxide nanoparticles", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
683. Saira Riaz, Zohra N kayani and Shahzad Naseem, "Size induced magnetic and structural phase transition in iron oxide nanoparticles", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
684. Aseyak Akbar, Arfan Bukhtiar, Saira Riaz and Shahzad Naseem, "Structural and magnetic properties of monodispersed iron oxide nanoparticles for use in magnetic resonance imaging", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015

685. S Zaheer H Shah, Shumaila Islam, Saira Riaz, Y-J Guo, Asif Mehmood and Shahzad Naseem, "Effect of calcination temperature on Sol-Gel synthesized iron oxide nanoparticles", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
686. Saira Riaz, Zohra N Kayani, Shahid Atiq and Shahzad Naseem, "Microstructural and dielectric characterization of magnesium incorporated iron oxide nanopowders", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
687. M Imran, Saira Riaz, Zohra N kayani, Shahid Atiq and Shahzad Naseem, "Study of magnetic and dielectric behaviour of Ni doped Fe₂O₃ nanopowders", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
688. Waqar Azeem, Wajiha Arif, Saira Riaz, Shahid Atiq and Shahzad Naseem, "Effect of molar concentration on structural, magnetic and dielectric properties of Sol Gel synthesized bismuth iron oxide nanoparticles", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
689. Attia Awan, Saira Riaz and Shahzad Naseem, "Experimental evidence of enhanced magnetization in phase pure bismuth iron oxide nanoparticles - Effect of synthesis temperature", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
690. Sidra Khan, Saira Riaz and Shahzad Naseem, "Effect of reaction time on the growth of ZnO nanorods", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
691. Sajid Ali, Sidra Khan, Saira Riaz, Shahid Atiq and Shahzad Naseem, "Investigation of structural, optical and dielectric behavior of ZnO nanorods on different substrates", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
692. Sidra Khan, Saira Riaz and Shahzad Naseem, "Structural transformation of single-crystal BaTiO₃ nanorods to nanoparticles by tuning the reaction time", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
693. Sidra Khan, Saira Riaz and Shahzad Naseem, "Chemical Synthesis of Ba(TiO₃) nanorods – Structural and Dielectric Properties", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
694. Waqar Azeem, Saira Riaz, Shahid Atiq and Shahzad Naseem, "Tunable magnetic and dielectric properties of BiFeO₃ nanoparticles – effect of lanthanum doping", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
695. Waqar Azeem, S Sajjad Hussain, Shahid Atiq, Saira Riaz and Shahzad Naseem, "Calcination mediated size dependent magnetic and dielectric properties of potassium doped bismuth iron oxide nanopowders", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
696. Saira Riaz and Shahzad Naseem, "Exchange bias in core-shell iron aluminum oxide nanostructures", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015

697. Mubashir Javed, Saira Raiz and Shahzad Naseem, "Detailed investigations of structural and magnetic properties of electrodeposited iron aluminum oxide nanoparticles", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
698. Hira Ishaq, Saira Riaz and Shahzad Naseem, "Effect of reaction time on electrodeposited iron aluminium oxide nanoparticles", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
699. Muntaha Niaz, Usman Khan, Shahid Atiq, Saira Riaz and Shahzad Naseem, "Structural, magnetic and dielectric properties of electrodeposited iron aluminum oxide nanostructures", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
700. M Nadeem, Munir Ahmad, M Saeed Akhtar, Amiruddin Shaari, Saira Riaz, Shahzad Naseem and M Alam Saeed, "Significance of size and shape of iron oxide nanoparticles for drug delivery application", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
701. Fatima Aslam, Umair, Bushra Parveen, Mahmood Hassan, S Sajjad Hussain, Saira Riaz and Shahzad Naseem, "Structural and ferromagnetic study of $Zn_{1-x}Mn_xO$ with nano-rod like surface morphology", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
702. Sajid ur Rehman, Adil Munir, Saira Riaz and Shahzad Naseem, "Effect of cobalt doping on structural and magnetic properties of iron aluminum oxide nanostructures", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
703. Hafiza Amna Siddiqi, Saira Riaz and Shahzad Naseem, "Effect of calcination temperature on methanol added zirconia nanoparticles", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
704. Iqra Afzal, Saira Riaz and Shahzad Naseem, "Structural, morphological and mechanical properties of zirconia nanoparticles for bone implants", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
705. Maryam Erum, Saira Riaz and Shahzad Naseem, "Effect of stirring rate on organic additives stabilized zirconia nanostructures", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
706. S Mudassar Muzaffar, M Saeed Akhtar, Saira Riaz and Shahzad Naseem, "Solution growth of ZnO nanorods: Influence of experimental methodology", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
707. Saira Riaz, Usman Khan and Shahzad Naseem, "Fabrication and magnetic characterization of Bi-Fe based topological insulators", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
708. Saira Riaz, Adeela Nairan, Usman Khan and Shahzad Naseem, "Fabrication and characterization of core-shell magnetic nanowires", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015

709. Mahwish Bashir, Y-J Guo, Saira Riaz and Shahzad Naseem, "Effect of sintering temperature on structural and magnetic properties of Fe₃O₄ doped zirconia nanoparticles", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
710. Abbas Khan, Abdullah Bin Zahid, Shahzad Naseem and Saira Riaz, "TCAD based designing and simulation of GaN detector", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
711. Shumaila Islam, Noriah Bidin, Ganesan Krishnan, Saira Riaz and Shahzad Naseem, "Synthesis and characterization of Ni doped silica-titania nano-composites as magnetic photocatalyst", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
712. Awais Asif, Mahmood Hassan, Shahid Atiq, Saira Riaz and Shahzad Naseem, "Effect of Zr substitution on structural, morphological, electrical and magnetic properties of BiFeO₃", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
713. Bushra Parveen, Zeeshan Khalid, Fatima Aslam, Mahmood Hassan, S Sajjad Hussain, Saira Riaz and Shahzad Naseem, "Morphological and structural characterization of Ni doped TiO₂ thin film with room temperature ferromagnetism", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
714. Sobia Hanif, Mahmood Hassan, Saira Riaz, Shahzad Naseem and Shahid Atiq, "Structural, surface morphological, dielectric and magnetic properties of BiMnO₃", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
715. Misbah Ghazanfer, Nooria Arooj, Mahmood Hassan, S Sajjad Hussain, Saira Riaz and Shahzad Naseem, "Structural, magnetic and surface morphological studies of Zn_{1-x}Fe_xS grown by co-precipitation", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
716. Mahwish Bashir, Y-J Guo, Saira Riaz and Shahzad Naseem, "Monoclinic to tetragonal phase transition in room temperature synthesized zirconia nanoparticles", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
717. Hafiza Syeda Faiza, Y-J Guo, Saira Riaz and Shahzad Naseem, "Synthesis and characterization of organic additives based nanocrystalline zirconia by sol gel method for teeth coatings", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
718. S Nudrat Humera, Saira Riaz and Shahzad Naseem, "Modifications in optical properties of zirconia thin films induced by citric acid", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
719. Bushra Bukhari, Y-J Guo, Saira Riaz and Shahzad Naseem, "Structural, Optical and Mechanical properties of zirconia ceramics for teeth coatings: Effect of polymer (methanol) content", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
720. Bushra Bukhari, Y-J Guo, Saira Riaz and Shahzad Naseem, "Phase evaluation in Fe₃O₄ doped zirconia based nanocomposites", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015

721. S Nudrat Humera, Y-J Guo, Saira Riaz and Shahzad Naseem, "Controlled nanostructuring of phase pure tetragonal zirconia nanoparticles", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
722. Maria Majeed, Shahid Atiq, S Kumail Abbas, Murtaza Saleem, Saira Riaz and Shahzad Naseem, "Effect of Zn substitution at Ni-site on structural, morphological, magnetic and electrical properties of Ni-Zn ferrite nanoparticles", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
723. Aqsa Ahmad, Maria Majeed, Shahid Atiq, Shahid M Ramay, Asif Mahmood, Saira Riaz and Shahzad Naseem, "Tailoring the structural and dielectric characteristics of Zn substituted Ni ferrite synthesized by sol-gel", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
724. M Yousaf, Hafiz M Rafique, M Amin, Shahid M Ramay, Shahid Atiq and Shahzad Naseem, "Influence of Mn substitution on electrical and magnetic based spintronic characteristics of ZnO", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
725. Sidra Zavar, Shahid Atiq, Saira Riaz and Shahzad Naseem, "Influence of Mn substitution at Zn-site on structural, morphological and magnetic properties of $Mn_xZn_{1-x}Fe_2O_4$ ($x = 0.0, 0.1, 0.3, 0.4$ & 0.5) nanoclusters", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
726. Anum Rauf, M Akram Raza, Saira Riaz and Shahzad Naseem, "Synthesis and characterization of solution based Silver nanoparticles prepared by different chemical methods", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
727. Shahid Atiq, Zahoor Ahmad, Shahid M Ramay, S Kumail Abbas, Asif Mahmood, Saira Riaz and Shahzad Naseem, "Structural and complex impedance spectroscopic studies of Mg-substituted $CoFe_2O_4$ nanocrystallites", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
728. M Furqan, Safeera Zaineb, Shahid Atiq, Shahid M Ramay, Asif Mahmood, Saira Riaz and Shahzad Naseem, "Influence of Mn doping on structure, morphology and electrical properties of $Zn_{0.95-x}Mn_xFe_{0.05}O$ ($0 \leq x \leq 0.05$) DMS nanoparticles", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
729. Shahid Atiq, Samina Nazli, Murtaza Saleem, Shahid M Ramay, Saadat A Siddiqi, Saira Riaz and Shahzad Naseem, "Investigation of dielectric and multiferroic properties of structurally refined Cr_2O_3 and $MnCr_2O_4$ nanoparticles", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
730. Shumaila Islam, Noriah Bidin, Saira Riaz, Ganesan Karishna and Shahzad Naseem, "Effect of temperature on mesoporous nanomatrices constructed by Sol-Gel method for sensing applications", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
731. Amna Ali, Arfan Bukhtiar, Saira Riaz and Shahzad Naseem, "Effect of Fe^{3+}/Fe^{2+} ratio on structural, dielectric and magnetic properties of iron oxide nanoparticles", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015

732. S Zaheer H Shah, Saira Riaz and Shahzad Naseem, "Structural, electrical and magnetic properties of Fe_2O_3 nanoparticles – surfactant free Sol-Gel route", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
733. Sumeera Shaheen, Arfan Bukhtiar, Saira Riaz and Shahzad Naseem, "Synthesis, modifications and characterizations of cobalt doped magnetic nanoparticles for bio medical applications", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
734. Aseya Akbar, Saira Riaz, S Sajjad Hussain and Shahzad Naseem, "Magnetic nano films of Cr doped iron oxide for magnetic random access memories", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
735. Amna Ali, Saira Riaz, Arfan Bukhtiar, YB Xu and Shahzad Naseem, "Controlled synthesis and magnetization of super para magnetic $\gamma\text{-Fe}_2\text{O}_3$ nanoparticles for nanovectors", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
736. M Imran, Shahid Atiq, Saira Riaz and Shahzad Naseem, "Low Temperature synthesis of phase pure bismuth iron oxide nanoparticles – structural, dielectric and magnetic properties", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
737. Hina Zahra, Farzana Majid, Saira Riaz and Shahzad Naseem, "Effect of organic solvent on Sol-Gel synthesis of bismuth iron oxide nanoparticles", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
738. M Tahir, Shahid Atiq, Saira Riaz and Shahzad Naseem, "Modified structural and dielectric properties of calcium incorporated bismuth iron oxide thin films", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
739. Sidra Khan, Shahid Atiq, Saira Riaz and Shahzad Naseem, "Influence of Fe doping on the structure, dielectric and magnetic properties of BaTiO_3 ", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
740. Wajiha Arif, Attia Awan, Saira Riaz and Shahzad Naseem, "Effect of calcination time on microstructure, magnetic and dielectric properties of bismuth ferrites nanoparticles", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
741. Farzana Majid, Saira Riaz, Shahid Atiq and Shahzad Naseem, "Size confinement and dielectric investigation of La^{3+} doped multiferroic BiFeO_3 nanopowders", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
742. Hadia Noor, Saira Riaz, S Sajjad Hussain and Shahzad Naseem, "Dispersion studies of lanthanum substituted BiFeO_3 thin films", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
743. Rida Ahmed, Y-J Guo, Saira Riaz and Shahzad Naseem, "Microstructural and mechanical properties of calcined glucose-fructose added zirconia nanoparticles prepared by Sol-Gel", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015

744. Zohra N Kayani, Aroosha Munir, Rabia Ishaque, Saira Riaz and Shahzad Naseem, "Fabrication of Al doped MnZnO thin films and their characterization", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
745. Zohra N Kayani, Gulnaz Fatima, Turfa Kausar, Saira Riaz and Shahzad Naseem, "Effect of Al % on electrical, structural and magnetic properties of Al doped NiZnO thin film", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
746. Zohra N Kayani, Turfa Kausar, Gulnaz Fatima, Saira Riaz and Shahzad Naseem, "Structural and optical properties of Al doped MnZnO thin films synthesized by the Sol-Gel technique", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
747. Zohra N Kayani, Mehwish Saleem, Zobia Saleem, Saira Riaz, Shahzad Naseem and Farhat Saleemi, "Dip coating of TiO₂ thin films on CR-39 and characterizations", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
748. Zohra N Kayani, Zobia Saleem, Mehwish Saleem, Saira Riaz, Shahzad Naseem and Farhat Saleemi, "Synthesis and characterization of anti fogging titanium dioxide thin film on polymer", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
749. Zohra N Kayani, Iqra Shah, Saima Iram, Saira Riaz and Shahzad Naseem, "Effect of number of coatings on the characteristic of Co doped ZnO thin films", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
750. M Azam, Saira Riaz and Shahzad Naseem, "Structural, magnetic, dielectric and optical properties of iron doped titania thin films", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
751. Asif Hussain, Saira Riaz, Zohra N kayani and Shahzad Naseem, "Annealing mediated structural and magnetic properties of chromium doped iron oxide thin films", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
752. Saba Mustafa, Saira Riaz, Zohra N kayani, Shahid Atiq and Shahzad Naseem, "Thermally induced structural and magnetic transitions in thin iron oxide films", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
753. Sama Sulaiman, Saira Riaz, Zohra N Kayani and Shahzad Naseem, "Controlled phase transitions in iron oxide thin films - Structural, magnetic and dielectric properties", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
754. Hassan Yousaf, Saira Riaz and Shahzad Naseem, "Ex-Situ variable angle spectroscopic ellipsometry of iron oxide thin films", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
755. M Adnan Naseer, Saira Riaz, Zohra N Kayani and Shahzad Naseem, "Thickness dependent magnetic and dielectric behaviour of iron oxide thin films", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015

756. M Adnan Naseer, Saira Riaz, M Farooq and Shahzad Naseem, "Preparation and characterization of iron oxide thin films for advanced applications", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
757. Hassan Yousaf, Saira Riaz and Shahzad Naseem, "Exploration of optical properties of phase pure bismuth iron oxide thin films using variable angle spectroscopic ellipsometry", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
758. M Tahir, Saira Riaz, Asif Mehmood and Shahzad Naseem, "Detailed investigation of dielectric properties of bismuth iron oxide thin films using impedance analyzer", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
759. Hadia Noor, Saira Riaz, S Sajjad Hussain and Shahzad Naseem, "Phase controlled magnetization in Bi-Fe-O_x multiferroic thin films", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
760. Sama Sulaiman, Saira Riaz and Shahzad Naseem, "Detailed investigation of multiferroic bismuth iron oxide coatings for advanced applications", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
761. Gulshan Ayub, Saira Riaz and Shahzad Naseem, "Comprehensive study of Fe₃O₄ doped zirconia thin films for bio coatings", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
762. Ali Hassan, S Sajjad Hussain, Saira Riaz and Shahzad Naseem, "Optical tailoring of RF magnetron sputtered ZnO thin films", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
763. M Azam, Saira Riaz and Shahzad Naseem, "Controlled phase transition in aluminum doped iron oxide thin films – Effect of annealing temperature", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
764. Saira Riaz and Shahzad Naseem, "Room temperature aging time effect on structural and optical properties of metastable tetragonal zirconia", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
765. Suniya Siddique, S Sajjad Hussain, Saira Riaz and Shahzad Naseem, "Structural and magnetic characterization of electrodeposited magnesium iron oxide thin films", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
766. Manzar Mashaf Yaqoob, Saira Riaz and Shahzad Naseem, "Structural and dielectric properties of electrodeposited MgFe₂O₄ thin films", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015
767. Saira Riaz, Usman Khan and Shahzad Naseem, "Electrochemical preparation and characterization of room temperature L10 ordered Co_{1-x}Pt_x thin films and nanowires", Presented at the International Conference on Solid State Physics – 2015 (ICSSP'15), University of the Punjab, Lahore, Pakistan, December 13-17, 2015

768. Saira Riaz, Farzana Majid and Shahzad Naseem, "Structural, magnetic and dielectric properties of sol-gel synthesized $\text{Bi}_{1-x}\text{La}_x\text{BiFeO}_3$ nanoparticles ($x=0.3$)", Nanotechnology (IEEE-NANO), 2016 IEEE 16th Conference on Nanotechnology, August 22-25, 2016, Sendai, Japan (DOI: [10.1109/NANO.2016.7751412](https://doi.org/10.1109/NANO.2016.7751412))
769. Mahwish Bashir, Saira Riaz, M Akram Raza, Shahzad Naseem and Noureen Iqbal, "Stabilization of zirconia ceramics for dental coatings - Effect of aging conditions", Presented at The 2016 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'16), August 28-September 1, 2016, ICC Jeju, Jeju Island, Korea (http://www.i-asem.org/publication_conf/acem16/6.ICAM16/T2H.1.MR373_1548F1.pdf)
770. M Akram Raza, Zakia Kanwal, Saira Riaz and Shahzad Naseem, "Synthesis, characterization and antibacterial properties of nano-sized cobalt particles", Presented at The 2016 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'16), August 28-September 1, 2016, ICC Jeju, Jeju Island, Korea (http://www.i-asem.org/publication_conf/acem16/6.ICAM16/T2H.2.MR373_1375F1.pdf)
771. Zakia Kanwal, M Akram Raza, Saira Riaz and Shahzad Naseem, "Impact of chromium nanoparticles on haematological, immunological and histological parameters of *Labeo rohita*" Presented at The 2016 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'16), August 28-September 1, 2016, ICC Jeju, Jeju Island, Korea (http://www.i-asem.org/publication_conf/acem16/6.ICAM16/T2H.3.MR373_1376F1.pdf)
772. Zakia Kanwal, M Akram Raza, Saira Riaz and Shahzad Naseem, "Changes in biochemical, haematological and histopathological parameters of freshwater fish *Labeo rohita* exposed to cobalt nanoparticles", Presented at The 2016 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'16), August 28-September 1, 2016, ICC Jeju, Jeju Island, Korea (http://www.i-asem.org/publication_conf/acem16/6.ICAM16/T2H.4.MR373_1377F1.pdf)
773. M Akram Raza, Zakia Kanwal, Saira Riaz and Shahzad Naseem, "Antibacterial performance of chromium nanoparticles against *Escherichia coli*, and *Pseudomonas aeruginosa*", Presented at The 2016 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'16), August 28-September 1, 2016, ICC Jeju, Jeju Island, Korea (http://www.i-asem.org/publication_conf/acem16/6.ICAM16/T2H.5.MR373_1378F1.pdf)
774. Zohra N Kayani, Saira Riaz, Shahzad Naseem and Rehana Zia, "Synthesis and characterization of Ni_2O_3 thin films", Presented at The 2016 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'16), August 28-September 1, 2016, ICC Jeju, Jeju Island, Korea (http://www.i-asem.org/publication_conf/acem16/6.ICAM16/T3F.1.MR375_0772F1.pdf)
775. Aseyak Akbar, Saira Riaz, S Sajjad Hussain, Shahid Atiq, YB Xu and Shahzad Naseem, "Systematic magnetic and dielectric investigations of aluminum doped iron oxide thin films", Presented at The 2016 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'16), August 28-September 1, 2016, ICC Jeju, Jeju Island, Korea (http://www.i-asem.org/publication_conf/acem16/6.ICAM16/T3F.2.MR375_1553F1.pdf)
776. M Adnan Naseer, Attia Awan, Saira Riaz, Shahid Atiq and Shahzad Naseem, "Tuning the dielectric & optical properties of BiFeO_3 thin films", Presented at The 2016 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'16), August 28-September 1, 2016, ICC Jeju, Jeju Island, Korea (http://www.i-asem.org/publication_conf/acem16/6.ICAM16/T3F.3.MR375_1555F1.pdf)

777. Aseya Akbar, Saira Riaz, Shahid Atiq, Zohra N Kayani and Shahzad Naseem, "Effect of 3d-Metal doping on ferromagnetic and dielectric properties of magnetite thin films", Presented at The 2016 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'16), August 28-September 1, 2016, ICC Jeju, Jeju Island, Korea (http://www.i-asem.org/publication_conf/acem16/6.ICAM16/T3F.4.MR375_1556F1.pdf)
778. Aseya Akbar, Saira Riaz, Shahid Atiq, Javaid Iqbal and Shahzad Naseem, "Impedance analysis of magnesium doped hematite thin films", Presented at The 2016 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'16), August 28-September 1, 2016, ICC Jeju, Jeju Island, Korea (http://www.i-asem.org/publication_conf/acem16/6.ICAM16/T3F.5.MR375_1557F1.pdf)
779. Saira Riaz, Usman Khan, YB Xu, Shahzad Naseem and Attia Awan, "Effect of Fe₂O₃ on structural and magnetic properties of half metallic Fe₃O₄ thin films", Presented at The 2016 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'16), August 28-September 1, 2016, ICC Jeju, Jeju Island, Korea (http://www.i-asem.org/publication_conf/acem16/6.ICAM16/T3F.6.MR375_1558F1.pdf)
780. Saira Riaz, Aseya Akbar, Shahid Atiq, S Sajjad Hussain and Shahzad Naseem, "Thickness dependent magnetic and dielectric behavior of iron oxide thin films", Presented at The 2016 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'16), August 28-September 1, 2016, ICC Jeju, Jeju Island, Korea (http://www.i-asem.org/publication_conf/acem16/6.ICAM16/T3F.7.MR375_1559F1.pdf)
781. Saira Riaz, Hassan Yousaf, Shumaila Islam, Zohra N Kayani and Shahzad Naseem, "Ex-situ variable angle spectroscopic ellipsometry of iron oxide thin films", Presented at The 2016 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'16), August 28-September 1, 2016, ICC Jeju, Jeju Island, Korea (http://www.i-asem.org/publication_conf/acem16/6.ICAM16/T3F.8.MR375_1560F1.pdf)
782. Saira Riaz and Shahzad Naseem, "Magnetic investigations of crystalline and non crystalline iron oxide nanoparticles for cancer therapy", Presented at The 2016 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'16), August 28-September 1, 2016, ICC Jeju, Jeju Island, Korea (http://www.i-asem.org/publication_conf/acem16/6.ICAM16/T3H.1.MR373_1432F1.pdf)
783. Noreen Iqbal, Saira Riaz, Y-G Guo and Shahzad Naseem, "Sol-gel synthesis of biocompatible TiO₂ doped ZrO₂ nanoparticles", Presented at The 2016 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'16), August 28-September 1, 2016, ICC Jeju, Jeju Island, Korea (http://www.i-asem.org/publication_conf/acem16/6.ICAM16/T3H.2.MR373_1456F1.pdf)
784. Saira Riaz, S Sajjad Hussain and Shahzad Naseem, "Structural and magnetic properties of monodispersed iron oxide nanoparticles for use in magnetic resonance imaging", Presented at The 2016 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'16), August 28-September 1, 2016, ICC Jeju, Jeju Island, Korea (http://www.i-asem.org/publication_conf/acem16/6.ICAM16/T3H.3.MR373_1457F1.pdf)
785. Mahwish Bashir, Iqra Abbas, Y-J Guo and Shahzad Naseem, "Structural, morphological and mechanical properties of zirconia nanostructures for bone implantations", Presented at The 2016 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'16), August 28-September 1, 2016, ICC Jeju, Jeju Island, Korea (http://www.i-asem.org/publication_conf/acem16/6.ICAM16/T3H.4.MR373_1458F1.pdf)

786. Mahwish Bashir, Iqra Abbas, Saira Riaz and Shahzad Naseem, "Effect of stirring rate on organic additives stabilized zirconia nanostructures", Presented at The 2016 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'16), August 28-September 1, 2016, ICC Jeju, Jeju Island, Korea (http://www.i-asem.org/publication_conf/acem16/6.ICAM16/T3H.5.MR373_1463F1.pdf)
787. Saira Riaz, Shyreen Fatima and Shahzad Naseem, "Bacterial removal from water by using Al₂O₃ and FeO nanoparticles", Presented at The 2016 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'16), August 28-September 1, 2016, ICC Jeju, Jeju Island, Korea (http://www.i-asem.org/publication_conf/acem16/6.ICAM16/T3H.6.MR373_1464F1.pdf)
788. Saira Riaz, Asif Hussain, Y-J Guo, M Khaleeq-ur-Rahman and Shahzad Naseem, "Influence of aluminum incorporation on iron oxide nanoparticles for high frequency applications", Presented at The 2016 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'16), August 28-September 1, 2016, ICC Jeju, Jeju Island, Korea (http://www.i-asem.org/publication_conf/acem16/6.ICAM16/T4H.1.MR374_1551F1.pdf)
789. Saira Riaz, M Akram Raza, Shumaila Islam, Y-J Guo and Shahzad Naseem, "Enhancement of dielectric properties of methanol stabilized zirconia nanopowders", Presented at The 2016 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'16), August 28-September 1, 2016, ICC Jeju, Jeju Island, Korea (http://www.i-asem.org/publication_conf/acem16/6.ICAM16/T4H.2.MR374_1552F1.pdf)
790. Sajid-ur-Rahman, Saira Riaz, S Sajjad Hussain, YB Xu and Shahzad Naseem, "Effect of oxidation time on electrodeposited iron aluminum oxide nanoparticles", Presented at The 2016 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'16), August 28-September 1, 2016, ICC Jeju, Jeju Island, Korea (http://www.i-asem.org/publication_conf/acem16/6.ICAM16/T4H.3.MR374_1561F1.pdf)
791. Sobia Saher, M Khaleeq-ur-Rahman, Saira Riaz and Shahzad Naseem, "Structural investigation of stacked multilayer magnetic/nonmagnetic nanowires", Presented at The 2016 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'16), August 28-September 1, 2016, ICC Jeju, Jeju Island, Korea (http://www.i-asem.org/publication_conf/acem16/6.ICAM16/T4H.4.MR374_1586F1.pdf)
792. Shumaila Islam, N Bidin, KN Abbas, Saira Riaz, Shahzad Naseem and G Krishnan, "Synthesis and characterization of optically active Zn-doped silica- titania nano-composites for sensing applications", Presented at The 2016 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'16), August 28-September 1, 2016, ICC Jeju, Jeju Island, Korea (http://www.i-asem.org/publication_conf/acem16/6.ICAM16/T4H.5.MR374_0838F1.pdf)
793. Sajid-ur-Rehman, M Javaid Iqbal, Saira Riaz and Shahzad Naseem, "Fabrication and characterization of chemically prepared ZnO nanotubes based sensors", Presented at The 2016 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'16), August 28-September 1, 2016, ICC Jeju, Jeju Island, Korea (http://www.i-asem.org/publication_conf/acem16/6.ICAM16/T4H.6.MR374_1615F1.pdf)
794. Shahid Atiq, S Kumail Abbas, Saira Riaz and Shahzad Naseem, "Frequency and temperature dependent electroactive regions in SrMnO₃", Presented at The 2016 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'16), August 28-September 1, 2016, ICC Jeju, Jeju Island, Korea (http://www.i-asem.org/publication_conf/acem16/6.ICAM16/T4H.7.MR374_1152F1.pdf)

795. Shahid Atiq, M Hamza Assi, Shahid M Ramay, Saira Riaz and Shahzad Naseem, "Synthesis and characterization of Mg substituted CoFe_2O_4 magnetic photocatalysts", Presented at The 2016 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'16), August 28-September 1, 2016, ICC Jeju, Jeju Island, Korea (http://www.i-asem.org/publication_conf/acem16/6.ICAM16/T4H.8.MR374_1154F1.pdf)
796. Hadia Noor, Natasha Tariq, Nimra Iqbal, Saira Riaz and Shahzad Naseem, "Effect of milling time on structural and dielectric properties of Al_2O_3 ", Presented at The 2016 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'16), August 28-September 1, 2016, ICC Jeju, Jeju Island, Korea (http://www.i-asem.org/publication_conf/acem16/6.ICAM16/T4H.9.MR374_1466F1.pdf)
797. S Nudrat Humera, Hadia Noor, Saira Riaz and Shahzad Naseem, "Dielectric and structural analysis of barium titanate nanoparticles prepared by nano ball milling technique", Presented at The 2016 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'16), August 28-September 1, 2016, ICC Jeju, Jeju Island, Korea (http://www.i-asem.org/publication_conf/acem16/6.ICAM16/T4H.10.MR374_1467F1.pdf)
798. Rida Ahmed, Saira Riaz, M Khaleeq-ur-Rahman and Shahzad Naseem, "Effect of pH on structural and dielectric properties of zirconia nanocrystallites", Presented at The 2016 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'16), August 28-September 1, 2016, ICC Jeju, Jeju Island, Korea (http://www.i-asem.org/publication_conf/acem16/6.ICAM16/T4H.11.MR374_1468F1.pdf)
799. Mahwish Bashir, Aseya Akbar, Saira Riaz, Shahzad Naseem and Sobia Saher, "Magnetic and dielectric properties of methanol added Fe_3O_4 - ZrO_2 nanocomposites", Presented at The 2016 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'16), August 28-September 1, 2016, ICC Jeju, Jeju Island, Korea (http://www.i-asem.org/publication_conf/acem16/6.ICAM16/T4H.12.MR374_1477F1.pdf)
800. S Sajjad Hussain, Hadia Noor, Saira Riaz, M Asghar Hashmi and Shahzad Naseem, "UV Photoluminescence of ZnO nanostructures based thin films synthesized by sol gel method", Presented at The 2016 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'16), August 28-September 1, 2016, ICC Jeju, Jeju Island, Korea (http://www.i-asem.org/publication_conf/acem16/6.ICAM16/W2H.1.MR372_1593F1.pdf)
801. Usman Khan, Nairan Adeela, Saira Riaz and Shahzad Naseem, "Hybrid core/shell nanostructures: Response towards structural and morphological properties", Presented at The 2016 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'16), August 28-September 1, 2016, ICC Jeju, Jeju Island, Korea (http://www.i-asem.org/publication_conf/acem16/6.ICAM16/W2H.2.MR372_1090F1.pdf)
802. Nairan Adeela, Usman Khan, M Iqbal, Saira Riaz and Shahzad Naseem, "Study of structural and magnetic response in metallic (M= Ni,Co)/CoO core-shell nanowires", Presented at The 2016 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'16), August 28-September 1, 2016, ICC Jeju, Jeju Island, Korea (http://www.i-asem.org/publication_conf/acem16/6.ICAM16/W2H.3.MR372_1091F1.pdf)
803. M Tahir, Saira Riaz, M Akram Raza and Shahzad Naseem, "Systematic variation in structural and magnetic properties of BiFeO_3 nanoparticles by A-site substitution", Presented at The 2016 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'16), August 28-September 1, 2016, ICC Jeju, Jeju Island, Korea (http://www.i-asem.org/publication_conf/acem16/6.ICAM16/W2H.4.MR372_1389F1.pdf)

804. M Tahir, Farzana Majid, Saira Riaz and Shahzad Naseem, "Size dependent ferromagnetism in bismuth iron oxide nanoparticles for magnetoelectric applications", Presented at The 2016 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'16), August 28-September 1, 2016, ICC Jeju, Jeju Island, Korea (http://www.i-asem.org/publication_conf/acem16/6.ICAM16/W2H.5.MR372_1390F1.pdf)
805. Zaheer H Shah, Saira Riaz, Zohra N Kayani and Shahzad Naseem, "Size distribution and magnetic optimization of phase pure chromium doped magnetite nanoparticles", Presented at The 2016 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'16), August 28-September 1, 2016, ICC Jeju, Jeju Island, Korea (http://www.i-asem.org/publication_conf/acem16/6.ICAM16/W2H.6.MR372_1392F1.pdf)
806. Attia Awan, Saira Riaz, Adeela Nairan, YB Xu and Shahzad Naseem, "Tunable magnetic and dielectric properties of BiFeO₃ nanoparticles – Effect of lanthanum doping", Presented at The 2016 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'16), August 28-September 1, 2016, ICC Jeju, Jeju Island, Korea (http://www.i-asem.org/publication_conf/acem16/6.ICAM16/W2H.7.MR372_1408F1.pdf)
807. M Imran, Saira Riaz, Zohra N Kayani and Shahzad Naseem, "Study of magnetic and dielectric behaviour of Ni doped Fe₂O₃ nanopowders", Presented at The 2016 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'16), August 28-September 1, 2016, ICC Jeju, Jeju Island, Korea (http://www.i-asem.org/publication_conf/acem16/6.ICAM16/W3H.1.MR372_1409F1.pdf)
808. M Imran, Rabia Akram, Saira Riaz, Zohra N Kayani and Shahzad Naseem, "Structural and magnetic properties of electrodeposited iron aluminum oxide nanostructures", Presented at The 2016 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'16), August 28-September 1, 2016, ICC Jeju, Jeju Island, Korea (http://www.i-asem.org/publication_conf/acem16/6.ICAM16/W3H.2.MR372_1410F1.pdf)
809. M Imran, S Mudassar Muzaffar, Saira Riaz and Shahzad Naseem, "Controlled phase transition in titania nanoparticles – Effect of calcination temperature", Presented at The 2016 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'16), August 28-September 1, 2016, ICC Jeju, Jeju Island, Korea (http://www.i-asem.org/publication_conf/acem16/6.ICAM16/W3H.3.MR372_1411F1.pdf)
810. S Mudassar Muzaffar, Sidra Khan, Saira Riaz and Shahzad Naseem, "Effect on structural orientation of ZnO nanorods by changing the molarity and reaction time", Presented at The 2016 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'16), August 28-September 1, 2016, ICC Jeju, Jeju Island, Korea (http://www.i-asem.org/publication_conf/acem16/6.ICAM16/W3H.4.MR372_1412F1.pdf)
811. Saira Riaz, Shahzad Naseem and Usman Khan, "Investigation of exchange bias in iron oxide nanoparticles based multilayered structure", Presented at The 2016 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'16), August 28-September 1, 2016, ICC Jeju, Jeju Island, Korea (http://www.i-asem.org/publication_conf/acem16/6.ICAM16/W3H.5.MR372_1431F1.pdf)
812. Zaheer H Shah, Saira Riaz, Zohra N Kayani and Shahzad Naseem, "Tailoring the magnetic, dielectric and structural properties of cobalt doped α -Fe₂O₃ nanoparticles", Presented at The 2016 World Congress on Advances in Civil, Environmental and Materials Research (ACEM'16), August 28-September 1, 2016, ICC Jeju, Jeju Island, Korea (http://www.i-asem.org/publication_conf/acem16/6.ICAM16/W3H.7.MR372_1211F1.pdf)

813. SA Shabbir, S Shumaila, R Sharif, Saira Riaz and Shahzad Naseem, “Three dimensional transition solid elements for mesh gradation”, Presented at The 2016 World Congress on Advances in Civil, Environmental and Materials Research (ACEM’16), August 28-September 1, 2016, ICC Jeju, Jeju Island, Korea (http://www.i-asem.org/publication_conf/acem16/6.ICAM16/W3H.8.MR372_1253F1.pdf)
814. GM Mustafa, Shahid Atiq, M Akram Raza, Saira Riaz, Shahzad Naseem, Saadat A Siddiqi and Ijaz M Ghauri, “Morphological and mechanical analysis/study of microbiological corrosion of stainless steel SS-304” Presented at 5th International Symposium on Biomedical Materials – Clinical Requirements and Regulatory Affairs, December 14 – 16, 2016, IRCBM, COMSATS Lahore, Pakistan
815. Hina Ashraf, Tehmina Anjum, Saira Riaz and Shahzad Naseem “Antifungal activities in Tomato Plant - Green Synthesis Approach” Presented at International Conference on Solid State Physics – 2017 (ICSSP’17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
816. Noreen Iqbal, Saira Riaz, Hera Khan, Anjum N Sabri and Shahzad Naseem, “Antimicrobial Activity of Commercially Available Mascara – Effect of α -Fe₂O₃ Nanoparticles”, Presented at International Conference on Solid State Physics – 2017 (ICSSP’17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
817. Ifra Sanaullah, Saira Riaz and Shahzad Naseem, “Influence of silica and titania composites on mechanical properties of self-adhesive dental fillers”, Presented at International Conference on Solid State Physics – 2017 (ICSSP’17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
818. Khudeja Maham, Zobia Arshad, Muhammad Akram Raza, Zakia Kanwal, Anjum Nasim Sabri, Imran Sajid, Saira Riaz and Shahzad Naseem, “Size-dependent bactericidal activity of colloidal gold nanoparticles”, Presented at International Conference on Solid State Physics – 2017 (ICSSP’17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
819. Bushra S. Bukhari, S. Riaz and S. Naseem, “Sol-Gel Synthesis of TiO₂ Doped ZrO₂ Nanostructures: Structural, Morphological and Dielectric Properties”, Presented at International Conference on Solid State Physics – 2017 (ICSSP’17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
820. Shahid Atiq, Salman Kiani, Muhammad Shahbaz Aslam, Ali Haider Khan, Murtaza Saleem and Shahzad Naseem, “Polyvinylpyrrolidone coated MnFe₂O₄ as a potential nanocomposite for magnetic drug delivery”, Presented at International Conference on Solid State Physics – 2017 (ICSSP’17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
821. Tanzeela Batool, Saira Riaz and Shahzad Naseem, “Phase Transition in Zirconia Nanoparticles-Effect of Molarity and Calcination Temperature”, Presented at International Conference on Solid State Physics – 2017 (ICSSP’17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
822. Mahwish Bashir, Saira Riaz and Shahzad Naseem, “Structural, Morphological and Mechanical Properties of Organic Additive Based Calcined Zirconia Nanoparticles by Sol Gel”, Presented at International Conference on Solid State Physics – 2017 (ICSSP’17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
823. Nosheen Zafar, Shahzadi Shamaila, Saira Riaz, Rehana Sharif, Ammara Shabbir and Shahzad Naseem, “Antibacterial Mechanism of Nickel nanoparticles against E. coli and S. aureus”, Presented at International Conference on Solid State Physics – 2017 (ICSSP’17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan

824. Ifra Sanaullah, Saira Riaz, Hera Khan, Anjum N Sabri and Shahzad Naseem, “Antibacterial activity of Dental Composites containing Silica and Zirconia Nanoparticles against Staphylococcus and Bacillus Bacteria”, Presented at International Conference on Solid State Physics – 2017 (ICSSP’17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
825. Iqra Abbas, Saira Riaz, Hera Khan, Anjum N Sabri and Shahzad Naseem, “Evaluation of Antibacterial Activity of Zirconia Nanoparticles against Skin Infections”, Presented at International Conference on Solid State Physics – 2017 (ICSSP’17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
826. M. Hammad Siddiqui, S. Riaz and Shahzad Naseem, “Amylase Mediated Dental Zirconia Coatings: Structural, Optical and Mechanical Properties”, Presented at International Conference on Solid State Physics – 2017 (ICSSP’17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
827. Zaheer H. Shah, Saira Riaz, Shahid Atiq, S. Sajjad Hussain and Shahzad Naseem, “Magnetoactive Iron Oxide Nanoparticles - Effect of Reaction Temperature”, Presented at International Conference on Solid State Physics – 2017 (ICSSP’17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
828. Mahwish Bashir, Saira Riaz, S Sajjad Hussain and Shahzad Naseem, “Effect of Microwave Radiation on Structural and Magnetic Properties of Fe₃O₄ Doped Zirconia Nanoparticles”, Presented at International Conference on Solid State Physics – 2017 (ICSSP’17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
829. Robina Ashraf, Tanzeela Batool, Saira Riaz, Shahid Atiq and Shahzad Naseem, “Effect of calcination on structural, optical, dielectric and magnetic properties of α -Fe₂O₃ Nanoparticles”, Presented at International Conference on Solid State Physics – 2017 (ICSSP’17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
830. M. Azam, Saira Riaz, Shahid Atiq and Shahzad Naseem, “Tunable Structural, Magnetic and Dielectric Properties of CrFe₂O₄ Nanoparticles”, Presented at International Conference on Solid State Physics – 2017 (ICSSP’17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
831. Sidra Idrees, Saira Riaz, Shahid Atiq and Shahzad Naseem, “Impedance Analysis and Dielectric Transition in Nano-Milled Barium Titanate Composites”, Presented at International Conference on Solid State Physics – 2017 (ICSSP’17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
832. M. Nafees, Saira Riaz, Zohra N Kayani and Shahzad Naseem, “Tunable Dielectric Properties of Barium Titanate Nano-Ceramics for Capacitive Applications”, Presented at International Conference on Solid State Physics – 2017 (ICSSP’17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
833. Faiza Arshad, Nudrat Humera, Saira Riaz and Shahzad Naseem, “Electrical Relaxation and Conduction Mechanism in Phase Pure BaTiO₃ Nano-composites”, Presented at International Conference on Solid State Physics – 2017 (ICSSP’17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
834. Sohail Nawaz, Saira Riaz, Hadia Noor and Shahzad Naseem, “Interdependence Between Structure and Electrical Characteristics in Nano-Milled Barium Titanate”, Presented at International Conference on Solid State Physics – 2017 (ICSSP’17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan

835. Nudrat Humera, Saira Riaz, Shahid Atiq and Shahzad Naseem, "Surface Activation Effect on Microstructure and Dielectric Characteristics of BaTiO₃ Ceramics", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
836. Nudrat Humera, Saira Riaz and Shahzad Naseem, "Interdependence of Surface Activation and Defect Chemistry in Barium Titanate Nano-Ceramics", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
837. Nudrat Humera, Saira Riaz and Shahzad Naseem, "Dielectric Relaxation and Polaron Anomalies in Nano-Milled Barium Titanate", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
838. M. Waqas Hanif, Ansar Khan, Salman Afzal, Hadia Noor, Saira Riaz and Shahzad Naseem, "Investigation of dielectric properties of iron oxide/ polymer nanocomposite", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
839. M. Nadeem, Robina Ashraf, Tariq Mahmood, Saira Riaz and Shahzad Naseem, "Study of structural and electronic properties of magnetite by GGA+U", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
840. Robina Ashraf, Tariq Mahmood, Saira Riaz and Shahzad Naseem, "DFT study of structural and electronic properties of Maghemite at GGA level", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
841. M. Azam, Rabia Farooq, Saira Riaz and Shahzad Naseem, "First Principle calculations of structural, electrical and magnetic properties of NiFe₂O₄ spinel", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
842. M. Azam, Rabia Farooq, Saira Riaz and Shahzad Naseem, "Theoretical Investigations of CrFe₂O₄ spinel, Structural, magnetic and dielectric properties", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
843. Imran Khan, Faiza Arshad, Saira Riaz, Shahzad Naseem, "Temperature Dependent Dielectric Response of Electrodeposited Iron Oxide Thin Films", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
844. Hina Nazli, Saira Riaz, Zohra Nazir Kayani and Shazad Naseem, "Structural, magnetic and dielectric properties of electrodeposited Mg-Al thin films", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
845. Hina Nazli, Saira Riaz, Zohra Nazir Kayani and Shahzad Naseem, "Effect of deposition time on structural, magnetic and dielectric properties of electrodeposited Mg-Al based spinel thin films", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
846. M. Furqan Shabbir, Idress Khan, Saira Riaz and Shahzad Naseem, "Temperature Dependent Conduction Relaxation Mechanism in Magnetite Thin Films", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan

847. Hina Ashraf, Tehmina Anjum, Saira Riaz and Shahzad Naseem, "Effect of Green Synthesized Iron Oxide Nanoparticles on Fusarium oxysporum Causing Tomato Wilt", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
848. Bushra Parveen, Mahmood -Ul- Hassan, Saira Riaz, Shahid Atiq and Shahzad Naseem, "Growth and Characterization of Co and Ni doped SnS for applications in dielectric and magnetic devices", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
849. Shahid Atiq, Shahzad Naseem, Adyan Fatima, Syed Abbas, Asif Mahmood and Shahid Ramay, "Appending magnetoelectric coupling in Ni and Cr co-doped BiFeO₃ at room temperature", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
850. Shahid Atiq, Moin Ahmad Khan, Ali Haider Khan, Saira Riaz and Shahzad Naseem, "Giant magneto-dielectric coupling in structurally optimized BiFeO₃ mediated via La-substitution", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
851. Shahid Atiq, Syed Kumail Abbas, Murtaza Saleem and Shahzad Naseem, "Mapping of nano-dimensional magnetic structures for magneto-optical recording media", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
852. Shabana Aziz, Saira Riaz and Shahzad Naseem, "Magnetic and Magnetization Properties of Electro-spun Un-doped ZnO Nanowire Arrays", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
853. Sidra Khalid, Saira Riaz and Shahzad Naseem, "Impact of Microwaves and Hot Water Treatment on Iron Oxide Thin Films – Structural and magnetic Properties", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
854. Bushra S Bukari, Saira Riaz and Shahzad Naseem, "Effect of Microwave Radiation on Zirconia Nanoparticles: Structural, Dielectric and Mechanical Properties", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
855. Sidra Khalid, Saira Riaz, Shahid Atiq and Shahzad Naseem, "Magnetodielectric Behaviour of Microwave Synthesized Iron Oxide Thin Films", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
856. Amna Akmal, Saira Riaz and Shahzad Naseem, "Interdependence of Exchange Bias and Dielectric Behaviour of Co doped Iron Oxide Nanoparticles - Microwave Assisted Sol-Gel Route", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
857. Amna Akmal, Saira Riaz, Shahzad Naseem, "Rapid Microwave Assisted Sol-Gel Synthesis of Ultrasmall Superparamagnetic Iron Oxide Nanoparticles", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan

858. S. Mudassar Muzaffar, Saira Riaz and Shahzad Naseem, “ZnO-ZrO₂ Nanoparticles by Microwave Assisted Sol-Gel Technique-Structural and Mechanical Properties”, Presented at International Conference on Solid State Physics – 2017 (ICSSP’17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
859. Hafiza Syeda Faiza, Saira Riaz, Shahzad Naseem, “Effect of Bi/Fe ratio on Microwave Assisted Sol-Gel Synthesis of Bismuth Iron Oxide Nanoparticles”, Presented at International Conference on Solid State Physics – 2017 (ICSSP’17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
860. Sidra Khalid, Saira Riaz and Shahzad Naseem, “Impact of Microwave Processing on Cr doped Fe₂O₃ Thin Films”, Presented at International Conference on Solid State Physics – 2017 (ICSSP’17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
861. Waqar Azeem, Muhammad Tahir, Saira Riaz and Shahzad Naseem, “Effect of Microwaves on Phase Stability, Dielectric and Ferromagnetic investigation of Phase Pure BiFeO₃ Thin Films”, Presented at International Conference on Solid State Physics – 2017 (ICSSP’17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
862. Waqar Azeem, Muhammad Tahir, Saira Riaz and Shahzad Naseem, “Effect of Bi/Fe Ratio on Structural, Magnetic and Dielectric Properties of Bismuth Iron Oxide Thin Films – Microwave Assisted Sol-Gel Route”, Presented at International Conference on Solid State Physics – 2017 (ICSSP’17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
863. Tanzeela Batool, Farah Khan, Saira Riaz and Shahzad Naseem, “Optimization of Teeth Coatings by using Zirconia Nanoparticles: Antibacterial study”, Presented at International Conference on Solid State Physics – 2017 (ICSSP’17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
864. Zaheer H. Shah, Saira Riaz and Shahzad Naseem, “Role of Fe³⁺/Fe²⁺ Ratio on Phase Stability, Magnetic and Dielectric Properties of Iron Oxide Nanostructures”, Presented at International Conference on Solid State Physics – 2017 (ICSSP’17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
865. Hafiza Syeda Faiza, Samra Saeed, Saira Riaz, Shahid Atiq, S. Sajjad Huaasin and Shahzad Naseem, “Dielectric Relaxation and Polaron Anomalies in La-doped BiFeO₃ Nanoparticles”, Presented at International Conference on Solid State Physics – 2017 (ICSSP’17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
866. S. Mudassar Muzaffar, Saira Riaz and Shahzad Naseem, “Growth of ZnO Nanorods by Varying Reaction Time and Solution Concentration to Study the Influence on Structural Orientation”, Presented at International Conference on Solid State Physics – 2017 (ICSSP’17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
867. M. Usama Khan, Saira Riaz and Shahzad Naseem, “Significant Effect of Tin Oxide and Manganese Addition in ZrO₂”, Presented at International Conference on Solid State Physics – 2017 (ICSSP’17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
868. Farwa Ali, Saira Riaz, S Sajjad Hussain, and Shahzad Naseem, “Room Temperature Ferromagnetism in Tin and Manganese doped ZrO₂”, Presented at International Conference on Solid State Physics – 2017 (ICSSP’17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
869. Shahid Atiq, Muhammad Sajid Shafiq, Adnan Afzal and Shahzad Naseem, “Wide range tunability of dielectric parameters with stable crystal structure of Zn_{1-x}Mn_xCr₂O₄ (0 ≤ x ≤ 1.0) nanoparticles”, Presented at International Conference on Solid State Physics – 2017 (ICSSP’17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan

870. Shahid Atiq, Muhammad Umair Farooq, Bingsuo Zou, Abdul Ghaffar, Asma Sadaf and Shahzad Naseem, "Formation of exciton magnetic polaron in Cr-doped GaN Nanorods", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
871. Shumaila Islam, Hazri Bukhtiar, Noriah Bidin, Saira Riaz and Shahzad Naseem, "Gold doped silica-titania aerogel: structural and sensing characteristics", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
872. S. Alina Imam, Saira Riaz, Javaid Iqbal and Shahzad Naseem, "Fabrication and characterization of BiFeO₃ based gas sensors: Effect of temperature", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
873. Mariam Tahir, Saira Riaz, Javaid Iqbal and Shahzad Naseem, "Fabrication and characterization of ZrO₂ nanoparticle based gas sensors: Effect of molarity", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
874. Muqaddas Zia, Saira Riaz, Javaid Iqbal and Shahzad Naseem, "Effect of Operating Temperature on Sensing Parameters of ZrO₂ Based Gas Sensors", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
875. Asiya Sadiq, Saira Riaz, Javaid Iqbal and Shahzad Naseem, "Effect of Temperature on ZnO Nanoparticles Based Gas Sensors", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
876. Urwa Mazhar, Amna Naeem, Saira Riaz, Javaid Iqbal and Shahzad Naseem, "Effect of Molarity on Sensing Parameters of ZrO₂ based Gas sensor (Sensitivity, Response and Recovery time)", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
877. Amna Naeem, Sakina Hasan, Saira Riaz, Javaid Iqbal and Shahzad Naseem, "Fabrication and characterization of BiFeO₃ based FET type gas sensors: Effect of gate voltage", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
878. Sakina Hasan, Saira Riaz and Shahzad Naseem, "Effect of gate voltage and temperature on BiFeO₃ nanoparticle based gas sensors", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
879. S. Alina Imam, Samida, Saira Riaz, Javaid Iqbal and Shahzad Naseem, "Fabrication and Characterization of FET Titania-Based gas sensor: Effect of Molarity", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
880. Anam Habib, Muhammad Akram Raza, Syed Sajjad Hussain, Muhammad Javaid Iqbal, Murtaza Saleem, Saira Riaz and Shahzad Naseem, "Optical CO₂ gas sensing based on TiO₂ thin films of diverse thickness decorated with silver nanoparticles", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan

881. Fareeha Adil Butt, Saira Riaz and Shahzad Naseem, "Graphene doped Fe₃O₄ Nanoparticles based Gas Sensor", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
882. Muqaddas Zia, Saira Riaz and Shahzad Naseem, "Hematite based combustible gas sensor", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
883. Shahid Atiq, Syed Abbas, Ali Haider Khan, Asif Mahmood, Shahid Ramay and Shahzad Naseem, "Optimization of magnetoimpedance in Mn-substituted BiFeO₃ for low field magnetic sensors", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
884. Shumaila Islam, Hazri Bukhtiar, Noriah Bidin, Saira Riaz and Shahzad Naseem, "Synthesis and characterization of gold-assisted silica-titania three-layered fiber optic pH sensor", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
885. Robina Ashraf, Saira Riaz and Shahzad Naseem, "Transformation of maghemite to hematite as an effect of calcination temperature", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
886. Sidra Khan, Saira Riaz and Shahzad Naseem, "Low Temperature Preparation of Perovskite Ba(TiO₃) thin films using Chemical Bath Deposition (CBD)", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
887. Sidra Khan, Saira Riaz and Shahzad Naseem, "Synthesis of Ba(TiO₃) thin films by Chemical Bath Deposition (CBD) at 78 °C", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
888. Samra Syed, Saira Riaz and Shahzad Naseem, "Morphological, Electrical and Magnetic properties of BiFeO₃", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
889. Shahid Atiq, Sidra Zavar, Maida Tabasum, Saira Riaz and Shahzad Naseem, "Dielectric frequency response of Zn_{1-x}Mn_xFe₂O₄ (0.0 ≤ x ≤ 0.5)", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
890. Shahid Atiq, M Haris, Syed Abbas and Shahzad Naseem, "Low frequency thermally assisted electrical resonance in V₂O₅/C composites", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
891. Shahid Atiq, Ali Hassan, Mahvish Khalid, Syed Abbas, Saira Riaz and Shahzad Naseem, "Optimization of structural morphology and its consequences on dielectric characteristics of Ni/Cr co-doped BiFeO₃", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
892. Shahid Atiq, Maryam Ali, Maryam Hassan, Asif Mahmood, Shahid Ramay, Shahzad Naseem and Saira Riaz, "Crystalline phase formation of PbTiO₃ by varying calcination temperature to study microstructure and dielectric characteristics", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan

893. Shahid Atiq, Ayesha Khalid, Saadat Anwar Siddiqi, Asif Mahmood, Shahid Ramay and Shahzad Naseem, "Tunable magneto-electric coefficient of $0.5\text{Bi}_{1-x}\text{Sm}_x\text{Fe}_{0.95}\text{Co}_{0.05}\text{O}_{3-0.5}\text{PbTiO}_3$ composites mediated by Sm doping", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
894. Shahid Atiq, M Safyan, Syed Abbas, Muhammad Younas, Saira Riaz and Shahzad Naseem, "Room temperature magnetoelectric coupling in $(1-x)\text{BiFeO}_{3-x}\text{PbTiO}_3$ composites", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
895. M Imran, Saira Riaz, Zohra N. Kayani, Shahid Atiq, S. Sajjad Hussain, Shahzad Naseem, "Magnetic and Magnetization Properties of Cobalt doped Iron Oxide Nanoparticles", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
896. M Imran, Saira Riaz, Zohra N. Kayani, Shahid Atiq, S. Sajjad Hussain, Shahzad Naseem, "Oscillatory Ferroelectric Behaviour of Magnesium Doped Iron Oxide Nanoparticles", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
897. M Imran, Saira Riaz, Zohra N. Kayani, Shahid Atiq, S. Sajjad Hussain, Shahzad Naseem, "Frequency and Temperature Dependant Complex Impedance Spectroscopy of Manganese Doped Iron Oxide Nanoparticles", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
898. M Tahir, Farzana Majid, Saira Riaz, Shahzad Naseem, "Modifications in Ferromagnetic and Dielectric Properties of Multiferroic $\text{BiFe}_{1-x}\text{Mn}_x\text{O}_3$ Nanostructures", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
899. Bushra Rehman, Robina Ashraf, Saira Riaz and Shahzad Naseem, "Synthesis of $\gamma\text{-Fe}_2\text{O}_3$ nanoparticles by sol-gel technique and effect of calcination temperature on their properties", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
900. Shahid Atiq, M Mustafa, Murtaza Saleem, Saira Riaz, Saadat Anwar Siddiqi and Shahzad Naseem, "Structurally tuned electrical properties of pyrochlore based Ce-doped neodymium zirconate nanoparticles for capacitive applications", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
901. Robina Ashraf, Saira Riaz and Shahzad Naseem, "Optimization of calcination temperature for the synthesis of hematite nanoparticles", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
902. Aseya Akbar, Saira Riaz, Shahzad Naseem, "Sol-Gel Preparation of Single Phase Fe_3O_4 , $\gamma\text{-Fe}_2\text{O}_3$ and $\alpha\text{-Fe}_2\text{O}_3$ Thin Films – Effect of Sol Concentration"
903. Zohra Nazir Kayani, Eram Abbas, Zeb Saddiqe, Mehak Anjum, Saira Riaz and Shahzad Naseem, "Analysis of Fe doped ZnO nano-particles fabricated by Sol-Gel Technique", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
904. Zohra Nazir Kayani, Mehak Anjum, Zeb Saddiqe, Eram Abbas, Saira Riaz, Shahzad Naseem and Saima Iram, "Investigation of Mn doped ZnO nanoparticles synthesized by Sol-Gel Technique", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan

905. Zaheer H. Shah, M. Imran, Saira Riaz, Shahid Atiq, S. Sajjad Hussain, Shahzad Naseem, "Exchange Bias in Al³⁺ Doped Fe₂O₃ Nanoparticles Prepared by Conventional Sol-Gel Method", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
906. M Azam, Saira Riaz, S. Sajjad Hussain, Shahzad Naseem, "Sol-Gel Preparation of Phase Pure Spinel NiFe₂O₄ Nanoparticles –Magnetic and Dielectric Investigation", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
907. Zohra Kayani, Iqra Wahid, Zeb Saddiqe, Anum Kamran, Dr. Saira Riaz and Shahzad Naseem, "Characteristics of Fe-doped TiO₂ thin films", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
908. Zohra Kayani, Anum Kamran, Zeb Saddiqe, Iqra Wahid, Dr. Saira Riaz and Shahzad Naseem, "Synthesis and Characteristics of ZrTiO₂ thin films", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
909. Attia Awan, Saira Riaz, Shahid Atiq, Shahzad Naseem, "Enhanced Magnetodielectric Coupling in Cr-Doped Bismuth Ferrite (BiFeO₃) Thin Films", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
910. Hassan Yousaf, Muhammad Imran, Saira Riaz, Shahid Atiq, S. Sajjad Husaain, Shahzad Naseem, "Magneto dielectric Polarization in Nickel Doped α -Fe₂O₃ thin Films", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
911. Aseya Akbar, Saira Riaz, Shahzad Naseem, "Hot Water Treated Iron Oxide Thin Films - Magnetic and Dielectric Coupling", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
912. Anam Simab and Shahzad Naseem, "Effect of co-doping of Al-N on Rf magnetron sputtered ZnO thin films", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
913. Mahwish Sarwar, Saira Riaz and Shahzad Naseem, "Nitrogen doping in RF magnetron sputtered ZnO thin films: Effects of forward power", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
914. Syed Sajjad Hussain, Saira Riaz, M Moazam and Shahzad Naseem, "Preparation and Optical characterization of Fe doped ZnS Sputtered Thin films", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
915. Syed Sajjad Hussain, Saira Riaz, Nadia Anwar and Shahzad Naseem, "Preparation and characterization of UV-Long wave pass edge filter by sputtering", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
916. Shahbaz Majeed, Khurram Siraj, Shahzad Naseem, Muhammad Fiaz Khan, Muneeb Irshad, Hafsa Faiz, Anwar Latif and Arshad Mahmood, "RF Magnetron sputtered palladium diamond like carbon thin films: Structural, surface, mechanical and optical properties", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan

917. Attia Awan, Waqar Azeem, Saira Riaz, Shahzad Naseem, "Tunable Magnetic and Dielectric Properties of La-Doped Bismuth Iron Oxide Thin Films –Microwave Assisted Sol-Gel Route", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
918. M Tahir, Saira Riaz, S. Sajjad Hussain, Shahzad Naseem, "Dielectric and Magnetic Polarization in Nickel Doped Bismuth Iron Oxide Thin Films", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
919. Hassan Yousaf, Muhammad Imran, Saira Riaz, Shahid Atiq, S. Sajjad Hussain, Shahzad Naseem, "Structural, Magnetic and Dielectric Properties of Co Doped α -Fe₂O₃ Thin Films Prepared by Sol-Gel Method", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
920. Hassan Yousaf, Muhammad Imran, Saira Riaz, Shahid Atiq, Shahzad Naseem, "Magnetic and Dielectric Investigation of Chromium Substituted Hematite Thin Films", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
921. M Azhar Iqbal, S. Riaz and Shahzad Naseem, "Solubility Limit of Mn-Sn Stabilized Tetragonal Zirconia Thin Films", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
922. S Sajjad Hussain, Saira Riaz, Gulshan Ayub and Shahzad Naseem, "Dielectric, magnetic and structural characterization of spin coated AlN thin films by Sol-gel routes", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
923. Sobia Saher, M. Khaleeq-ur-Rehman, Saira Riaz, Shahzad Naseem, "Magnetic and Structural Properties of Sputter deposited Fe/Cu/Ni Multilayer Thin Films", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
924. Hina Ashraf, Tehmina Anjum, Saira Riaz and Shahzad Naseem, "Biosynthesis of Magnetite Nanoparticles for Antifungal Activity against Fusarium oxysporum Causing Tomato Wilt", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
925. Tabassum Amin, Tanzeela Batool, Saira Riaz and Shahzad Naseem, "Bioinspired Synthesis and Characterization of Organic-Inorganic Nanocomposite Zirconia for Bone Grafting", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
926. Ruby Naz, Saira Riaz and Shahzad Naseem, "Whipped Zirconia Nanofibres-Potential Candidate as Drug Carriers", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
927. Bushra S. Bukhari, Saira Riaz and Shahzad Naseem, "Enhancement in Mechanical and Optical properties of Glucose-Fructose Additive Zirconia Thin Films by Microwave Assisted Sol-Gel Method", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
928. Mahwish Bashir, Saira Riaz, and Shahzad Naseem, "Nucleation and Growth Mechanism of Phase Pure Tetragonal Zirconia Nano dendrites with Triazine Addition", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan

929. M Imran, M Bashir, Saira Riaz, and Shahzad Naseem, "Determining the Structural, Mechanical and Dielectric Properties of Fe₃O₄ Stabilized Zirconia: Effect of Chitosan Addition", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
930. Hassan Yousaf, Saira Riaz, and Shahzad Naseem, "Enhanced Structural, Mechanical and Optical Properties of Zirconia by Surface Modification with Reticulata", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
931. Nasira Anjum, M. Bashir, S. Riaz and S. Naseem, "Controlled Synthesis of Zirconia Nanoparticles with Fe₂O₃ Core – Dextran as a gelation Agent", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
932. S Mudassar Muzaffar, M. Bashir, S. Riaz and S. Naseem, "Tuning of Optical, Dielectric and Mechanical Properties of Room Temperature Synthesized Zirconia by Incorporation of OH-Ions", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
933. Erum Kakar, S. Riaz, and S. Naseem, "Studies on the Gelation of Sugar Solutions and on the Use of Resulting Nanoparticles for Medical Applications", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
934. Zeeshan Arif, Mahwish Bashir, S. Riaz and Shahzad Naseem, "Phosvitin Stabilized Zirconia Ceramics for Protective Teeth Coatings", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
935. Shafaqat Ali, S. Riaz, and S. Naseem, "Stabilization of the Metastable Tetragonal Phase in Zirconia Synthesized via Whipped Zirconia Gel Method", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
936. Noreen Iqbal, Saira Riaz, Hera Khan, Anjum N Sabri and Shahzad Naseem, "Antibacterial Activity of Fe₃O₄ Nanoparticles Synthesized by Sol-Gel – Research on Mascara", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
937. Ifra Sanaullah, Saira Riaz, Hera Khan, Anjum N Sabri and Shahzad Naseem, "Influence of Silica Nanoparticles addition on the Mechanical Properties and Antibacterial activity of Commercially used Dental Fillers", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
938. Ifra Sanaullah, Saira Riaz, Hera Khan, Anjum N Sabri and Shahzad Naseem, "Improved Antibacterial activity of Silica and Iron oxide based Nano Fillers", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
939. Ifra Sanaullah, Saira Riaz, Anjum N Sabri and Shahzad Naseem, "Evaluation of nanoparticle based dental filler: antibacterial study", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
940. Saher Manzoor, Muhammad Akram Raza, Zakia Kanwal, Anjum Nasim Sabri, Imran Sajid, Saira Riaz and Shahzad Naseem, "Bactericidal Properties of Cobalt Cores Coated with Nano-Sized Silver Particles", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan

941. Usama Khan, Saira Riaz, Anjum N Sabri and Shahzad Naseem, “Antibacterial activities of ZrO_2 nanotubes”, Presented at International Conference on Solid State Physics – 2017 (ICSSP’17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
942. Ambreen Shahid, Zakia Kanwal, Muhammad Akram Raza, Rabia Safdar, Saira Riaz and Shahzad Naseem, “Effect of arsenic nanoparticles on growth and haematological indices of *Labeo rohita* juveniles”, Presented at International Conference on Solid State Physics – 2017 (ICSSP’17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
943. Iqra Abbas, Saira Riaz, Anjum N Sabri and Shahzad Naseem, “Comparison of Inhibition Zone of Different Face Creams with and without Addition of Titania Nanoparticles”, Presented at International Conference on Solid State Physics – 2017 (ICSSP’17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
944. M Hammad Siddique, Farah Khan, Saira Riaz and Shahzad Naseem, “Optimization of Teeth Coatings by using Titania Nanoparticles: Antibacterial study”, Presented at International Conference on Solid State Physics – 2017 (ICSSP’17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
945. Zainab Saeed Khan, Saira Riaz, Anjum N Sabri and Shahzad Naseem, “Antimicrobial activities of Fe_3O_4 nanowires”, Presented at International Conference on Solid State Physics – 2017 (ICSSP’17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
946. HM Shamas Mushtaq, Saira Riaz, Anjum N Sabri and Shahzad Naseem, “Antifungal activities of TiO_2 Nanotubes”, Presented at International Conference on Solid State Physics – 2017 (ICSSP’17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
947. Hina Afzal, Maryam Nadeem, Zakia Kanwal, Muhammad Akram Raza, Murtaza Saleem, Saira Riaz and Shahzad Naseem, “Antibacterial activity of nano-sized nickel particles synthesised by wet chemical approach”, Presented at International Conference on Solid State Physics – 2017 (ICSSP’17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
948. Robina Ashraf, Z. H. Shah, Saira Riaz, S. S. Hussain and Shahzad Naseem, “Improved Magnetic Properties of Sol-Gel Synthesized Fe_3O_4 Nanoparticles for Bio- Medical Applications”, Presented at International Conference on Solid State Physics – 2017 (ICSSP’17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
949. Zeeshan Arif, S. Riaz, and S. Naseem, “Phase strengthening in Fe_3O_4 -Zirconia: Structural, mechanical and Optical properties”, Presented at International Conference on Solid State Physics – 2017 (ICSSP’17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
950. M. Imran, Saira Riaz and Shahzad Naseem, “Glaire Mediated Biocompatible Synthesis of Fe_3O_4 Stabilized Zirconia Thin Films for Dentistry”, Presented at International Conference on Solid State Physics – 2017 (ICSSP’17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
951. Sidra Khalid, Saira Riaz and Shahzad Naseem, “Controlled Phase Transition in Iron Oxide Thin Films – Microwave Assisted Sol-Gel Method”, Presented at International Conference on Solid State Physics – 2017 (ICSSP’17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
952. Sohail Nawaz, Nudrat Humera, Saira Riaz, Shahzad Naseem, “Memory of Domain Structures in Barium Titanate Ceramics Studied by Mechanical and Dielectric Losses”, Presented at International Conference on Solid State Physics – 2017 (ICSSP’17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan

953. Sidra Idrees, Saira Riaz and Shahzad Naseem, "Conduction Relaxation Mechanism in Barium Titanate", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
954. Faiza Arshad, Nudrat Humera, Saira Riaz, Shahzad Naseem, "Mott–Wannier Excitons in the Tetragonal BaTiO₃ Nanocomposites", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
955. M. Nafees, Saira Riaz, Shahid Atiq, Shahzad Naseem, "Ferroelectric Properties and Dielectric Transition in Barium Titanate Nanoparticles", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
956. Nudrat Humera, Saira Riaz, S Sajjad Hussain, Shahzad Naseem, "Magnetic Switching of ferroelectric Barium Titanate Nanocomposites", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
957. Nudrat Humera, Saira Riaz, Shahid Atiq, Shahzad Naseem, "Microstructure Tuning of ferroelectric Barium Titanate Nanocomposites", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
958. Nudrat Humera, Saira Riaz, Shahzad Naseem, "Non-Overlapping small polaron tunneling (NSPT) in Nano-Milled Barium Titanate", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
959. Ansar Khan, M Waqas Hanif, Salman Afzal, Hadia Noor, Saira Riaz and Shahzad Naseem, "Analysis of Activation Energy Profiles of Iron Oxide/ Polymer Nanocomposites", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
960. Tahreem Haider, Hadia Noor, Saira Riaz and Shahzad Naseem, "Optimization of mechanical, magnetic and dielectric properties of epoxy-resin composites filled with maghemite iron oxide nanoparticles", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
961. Tehmina Amjad, Abdul Basit, Siara Riaz, Shahzad Naseem and Imran Sadiq, "Structural, Electrical and dielectric properties of R-type hexaferrite", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
962. Abdul Basit Javaid, Imran Sadiq, Shahzad Naseem, Mazhar Rana, "Synthesis and Characterization of R-Type Hexagonal Ferrites", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
963. M Nadeem, Robina Ashraf, Tariq Mahmood, Saira Riaz and Shahzad Naseem, "Study of structural and electronic properties of α -Fe₂O₃ at GGA level", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
964. M Azam, Rabia Farooq, Saira Riaz and Shahzad Naseem, "Theoretical Investigations of XAl₂O₄ spinel (X=Fe, Zn), Structural, magnetic and dielectric properties", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan

965. Samia Naeem, Tariq Mehmood, Saira Riaz, Shahzad Naseem and Farhat Saleemi, "Theoretical study of graphene based Zinc Oxide (g-ZnO)", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
966. M Azam, Rabia Farooq, Saira Riaz and Shahzad Naseem, "Theoretical Investigations of $MgFe_2O_4$ spinel – Structure, magnetic and dielectric properties", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
967. Hamna Haq, Fatima Irshad, Kashif Saghir, Hassan Farooq, Saira Riaz, Shahzad Naseem and M. Javaid Iqbal, "Improvement of the charge carrier mobility of the organic transistors based on graphene doped DPPDTT thin films deposited along the patterned substrates", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
968. Amreen Qamar, Saira Riaz, S Sajjad Hussain, Shahid Atiq, Shahzad Naseem, "Magnetodielectric Coupling in Spinel Iron Aluminum Oxide Nanoparticles", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
969. Imran Khan, Faiza Arshad, Saira Riaz, Shahzad Naseem, "Exchange Bias and Magnetoelectric Effect in Electrodeposited Iron Oxide Thin Films", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
970. Hina Nazli, Saira Riaz, Zohra Nazir Kayani and Shahzad Naseem, "Structural and magnetic properties of electrodeposited magnesium aluminium oxide spinel thin films", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
971. M Furqan Shabbir, Idrees Khan, Faiza Arshad, Saira Riaz, Shahzad Naseem, "Interdependence of Exchange Bias and Dielectric Response of Inverse Spinel Iron Oxide Thin Films", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
972. Hina Nazli, Saira Riaz, Zohra N Kayani, Shahzad Naseem, "In-Situ Oxidized Magnesium Iron Oxide Thin Films for Capacitive Applications", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
973. Hina Nazli, Saira Riaz, Zohra N Kayani, Shahid Atiq, Shahzad Naseem, "Giant Oscillatory Magnetoresistance In Electrodeposited $FeAl_2O_4$ Thin Films", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
974. M Azhar Iqbal, Saira Riaz, S Sajjad Hussain, Shahzad Naseem, "Magnetoelectric Coupling of Electrodeposited Iron Aluminum Oxide Nanostructures", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
975. Fazeelat Mukhtar, Saira Riaz, Shahid Atiq, Zohra N Kayani, Shahzad Naseem, "Giant Magnetodielectric Coupling in Electrodeposited Iron Aluminium Oxide Nanoparticles", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
976. Hina Ashraf, Tehmina Anjum, Saira Riaz and Shahzad Naseem, "Antifungal Potential of Green Synthesized Superparamagnetic Nanoparticles on *Fusarium Oxysporum* Causing Tomato Wilt", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan

977. S Sajjad Hussain, Saira Riaz, Nadia Anwar and Shahzad Naseem, "Theoretically designed UV-Long Wave Pass edge filter", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
978. Shahid Atiq, Syed Kumail Abbas and Shahzad Naseem, "Tuning of magnetic dynamics of nano-dimensional nickel metal via damping", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
979. Ruby Naz, Bushra S. Bukhari, Saira Riaz and Shahzad Naseem, "Effect of Long Chain Protein on Microwave Assisted Zirconia Ceramics-Protective Dental Coatings", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
980. Bushra S. Bukhari, S. Riaz and S. Naseem, "Microwave assisted sol-gel TiO₂ doped zirconia for dental coatings: Structural, Mechanical and Optical properties", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
981. Mahwish Bashir, Saira Riaz and Shahzad Naseem, "Evaluation of Phase Purity of Nanocrystalline Tetragonal Zirconia for Bone Reconstruction", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
982. Tabassum Amin, Tanzeela Batool, Saira Riaz and Shahzad Naseem, "Microstructure and Mechanical Properties of Glaire Mediated Stabilized Zirconia Nanocrystallites for Bone Implantations", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
983. Amna Akmal, Saira Riaz, Shahzad Naseem, "Solution Temperature and Microwave Radiated Phase Analysis and Magnetic Transition in Iron Oxide Nanopowders", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
984. Bushra S Bukhari, Saira Riaz and Shahzad Naseem, "Microwave assisted sol gel TiO₂ doped zirconia nanocrystallites: Structural mechanical and dielectric properties", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
985. Sidra Khalid, Saira Riaz and Shahzad Naseem, "Effect of Aluminum Doping on Microwave Assisted Sol-Gel Synthesis of Iron Oxide Thin Films", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
986. Sidra Khalid, Saira Riaz, Shahid Atiq and Shahzad Naseem, "Magnetodielectric Behaviour of Co doped Iron Oxide Thin Films – Microwave Assisted Sol-Gel Route", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
987. Waqar Azeem, Muhammad Tahir, Saira Riaz, Shahid Atiq, Shahzad Naseem, "Effect of Solvent on Phase Stability, Magnetic and Dielectric Properties of Bismuth Iron Oxide Thin Films-Microwave Assisted Sol-Gel Route", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
988. Hafiza Syeda Faiza, Saira Riaz, Shahid Atiq, Shahzad Naseem, "Impact of Microwave Processing on Structural and Magnetodielectric Stability of La- Doped Bismuth Iron Oxide Nanoparticles", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan

989. Bushra S Bukahri, Saira Riaz and Shahzad Naseem, "Phase Transformation in As-Synthesized Zirconia Coating using Dextran as Gelation Agent: Effect of Microwave Powers", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
990. Attia Awan, Saira Riaz, Zohra N Kayani, Shahzad Naseem, "Room Temperature Ferromagnetic and Dielectric Exploration of As-Synthesized BiFe_{1-x}Ni_xO Nanoparticles", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
991. M Azam, Saira Riaz, Shahid Atiq, Shahzad Naseem, "Dielectric Investigation of Chromium Doped NiFe₂O₄ Nanoparticles", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
992. Robina Ashraf, Saira Riaz, M Akram Raza and Shahzad Naseem, "Effect of calcination temperature on structural, optical and magnetic properties of magnetite nanoparticles", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
993. Safir Ullah Khan, Hadia Noor, Saira Riaz and Shahzad Naseem, "Influence of zinc oxide nanoparticles on mechanical and dielectric properties of nanocomposites", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
994. M Ajmal, Misbah-Ul- Islam and Shahzad Naseem, "Study of structural, Electrical, Optical and Magnetic properties of SrBaCo₂Ga_{0.5}Fe_{11.5}O₂₂ /polyaniline nanocomposites", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
995. HM Shammas Mushtaq, Saira Riaz and Shahzad Naseem, "Room Temperature Stabilized ZrTiO₃ Nanotubes", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
996. Iram Ali, Saira Riaz and Shahzad Naseem, "Graphene functionalized ZnO nanotubes – Low cost Sol gel Approach", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
997. Shafaqat Ali, M. Bashir, S. Riaz and S. Naseem, "Phase Evolution and Optimization of Gelation agent in Room Temperature Stabilized Zirconia", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
998. Amna Akmal, Saira Riaz, Shahzad Naseem, "Conduction Relaxation Mechanism in Microwave Synthesized Cr-doped Fe₂O₃ Nanoparticles", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
999. Hafiza Syeda Faiza, Saira Riaz, Shahzad Naseem, "Solvent Mediated Phase Purity, Ferromagnetic and Dielectric Response of Bismuth Iron Oxide Nanoparticles", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1000. Adeel Raza, Shahzadi Shamaila, Rehana Sharif, Saira Riaz, Asif Ali Qaiser and Shahzad Naseem, "Growth and characterization of polymeric membrane modified by magnetic Nanoparticles", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan

1001. Bushra Parveen, Mahmood -Ul-Hassan, Saira Riaz, Shahid Atiq and Shahzad Naseem, "Growth of Fe doped SnS for Structural, Dielectric and Ferromagnetic Characterizations", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1002. Robina Ashraf, Saira Riaz, S Sajjad Hussain, Shahid Atiq and Shahzad Naseem, "Effect of calcination temperature on structural, magnetic, dielectric and optical properties of stable magnetite nanoparticles", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1003. Robina Ashraf, Saira Riaz, M Akram Raza and Shahzad Naseem, "Calcination effect on properties of stable hematite nanoparticles synthesized by sol-gel method", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1004. Sobia Saher, M. Khaleeq-ur-Rehman, Shahzad Naseem, W. Schwarzacher, "Investigations of dependence of magnetic properties on the structural changes in stacked multilayered magnetic / non-magnetic nanowires", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1005. Syed Mansoor Ali, Turki S. Alkhuraji, Shahid M. Ramay, Shahid Atiq and Shahzad Naseem, "Structural, optical and electrical properties of n-CdS/p-Si heterojunction prepared by successive ionic layer adsorption and reaction", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1006. Safir Ullah Khan, Marryum Iram, Amna Siddiqi, Hadia Noor, Saira Riaz and Shahzad Naseem, "Impedance Spectroscopy Analysis of Zinc Aluminate", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1007. Sundas Mehmood, Khansa Zafar, Hadia Noor, Saira Riaz and Shahzad Naseem, "Studies of Optical properties of SiO₂-Al₂O₃ composites", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1008. Kashif Saghir, Fatima Irshad, Hamna Haq, Syed Sajjad Hussain, Saira Riaz, Shahzad Naseem and M. Javaid Iqbal, "Enhancement of charge carrier mobility of organic field-effect transistors based on active layer of PCDTPT, aligned along the Nano-groves", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1009. Hassan Yousaf, Saira Riaz and Shahzad Naseem, "Design and Characterization of TiO₂ / SiO₂ based Multilayers by Sol-Gel Method: Application to Optical Filters", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1010. Fawad Khan, Mahwish Sarwar, Saira Riaz Shahzad Naseem, "Multilayer thin films of TiO₂ / Al₂O₃ / SiO₂", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1011. Hassan Yousaf, Saira Riaz and Shahzad Naseem, "Configuration of Multilayers (Al₂O₃ / TiO₂ / SiO₂) developed by Sol-Gel method for Solar Applications: A Comparative Approach Theoretically and Experimentally", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1012. S Alina Imam, Saira Riaz and Shahzad Naseem, "Fabrication and Characterization of BiFeO₃ Based Gas Sensors: Effect of Stoichiometric Ratio", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan

1013. Fatima Iqbal, Saira Riaz, Javaid Iqbal and Shahzad Naseem, "Fabrication and characterization of BiFeO₃ Based Gas Sensors: Effect of Gate Voltage", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1014. Amna Naeem, Urwa Mazhar, Saira Riaz and Shahzad Naseem, "Fabrication and characterization of ZrO₂ based FET Type Gas Sensors: Effect of Gate Voltage", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1015. Anam Qayum, Saira Riaz, Javaid Iqbal and Shahzad Naseem, "Fabrication and Characterization of Fe₃O₄ nanoparticles Based Gas Sensors: Effect of Molarity", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1016. Anam Qayum, Saira Riaz, Javaid Iqbal and Shahzad Naseem, "Fabrication and Characterization of Fe₃O₄ Nanoparticles Based FET Type Gas Sensor: Effect of Gate Voltage", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1017. Farnaz Deeba, Asiya Sadiq, Saira Riaz, Javaid Iqbal and Shahzad Naseem, "Fabrication and Characterization of ZnO Based FET Type Gas Sensor: Effect of Gate Voltage", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1018. Asiya Sadiq, Saira Riaz, Javaid Iqbal and Shahzad Naseem, "Fabrication and Characterization of ZnO Based Gas Sensor: Effect of Molarity", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1019. Hafiza Nabeela, Saira Riaz, Javaid Iqbal and Shahzad Naseem, "Fabrication and Characterization of Nanostructure ZrO₂ Base FET Gas Sensor: Effect of Temperature on Sensing Parameters (Sensitivity, Response time and recovery time)", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1020. Hafiza Nabeela, Saira Riaz, Javaid Iqbal and Shahzad Naseem, "Effect of Gate Voltage on Sensing Parameters of ZrO₂ Based gas sensor (Sensitivity, Response and Recovery Time)", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1021. Sakina Hasan, Saira Riaz and Shahzad Naseem, "Fabrication and characterization of BiFeO₃ based gas sensors: Effect of molarity", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1022. Fareeha Adil But, Saira Riaz, Javaid Iqbal and Shahzad Naseem, "Fabrication and Characterization of Titania- FET Based Gas Sensor: Effect of Temperature", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1023. Asma Javaid, Saira Riaz, Javaid Iqbal and Shahzad Naseem, "Fabrication and Characterization of Titania Nanostructured- FET Based Gas Sensor: Effect of GATE VOLTAGE", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan

1024. Amna Zaheer, Shahzadi Shamaila, Ammara Shabbir, Noshin Zafar, Saira Riaz, Anwar Latif and Shahzad Naseem, "Synthesis and characterization of Silver/carbon nanotubes composite electrode for glucose sensor application", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1025. Anam Ayub, Saira Riaz, Javaid Iqbal, Shahzad Naseem, "Preparation and Characterization of silica titnia based pH sensors", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1026. Urwa Mazhar, Saira Riaz and Shazad Naseem, "Graphene Doped Bismuth Iron Oxide Nanodots Based Gas Sensors", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1027. Shumaila Islam, Hazri Bukhtiar, Noriah Bidin, Saira Riaz and Shahzad Naseem, "Bromophenol blue immobilized mesoporous silica-titania nanomatrix: Visual Detection of Volatile Basic Nitrogen Species for Food Industry", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1028. Shumaila Islam, Muhammad Safwan Bin Abd Aziz, Hazri Bukhtiar, Saira Riaz and Shahzad Naseem, "Sol-gel derived self-assembled hierarchical gold colloids for fiber optic pH sensing", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1029. Shumaila Islam, Hazri Bukhtiar, Saira Riaz and Shahzad Naseem, "Synthesis of high surface mesoporous silica nanomatrix for pH sensing", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1030. Shumaila Islam, Hazri Bukhtiar, Saira Riaz and Shahzad Naseem, "Influence of some pH dyes on the self-assembly of silica nanostructures", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1031. S Maria Batool, Saira Riaz, Javaid Iqbal and Shahzad Naseem, "Fabrication and characterization of graphene reinforced Fe₃O₄ nanoparticles based gas sensors: Effect of Temperature", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1032. Sundus Yasin, Rana Ali Ahmed, Tehmina Afzal, Waqas Aslam, M Javaid Iqbal, Saira Riaz and Shahzad Naseem, "Cholesterol detection sensor based on Carbon Nanotubes", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1033. Sidra Khan, Saira Riaz and Shahzad Naseem, "The effect of molarity and phase transition above curie Temperature (125°C) on Ba(TiO₃) thin films", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1034. Syeda Maria Batool, Saira Riaz and Dr. Shahzad Naseem, "Graphene synthesis by a cheap method", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1035. Shahid Atiq, Ayesha Khalid, Saira Riaz and Shahzad Naseem, "Correlation of structural morphology and dielectric parameters of 0.5Bi_{1-x}Sm_xFe_{0.9}Co_{0.05}O_{3-0.5}PbTiO₃ (0.0 ≤ x ≤ 0.25) composites", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan

1036. Shahid Atiq, Maida Tabasum, Sidra Zavar, Murtaza Saleem, Shahid Ramay and Shahzad Naseem, "Morphological and magnetodielectric analysis of nanocrystalline Co-Mg spinel ferrites", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1037. Shahid Atiq, Aqsa Ahmad, Adyan Fatima, Shahzad Naseem, Saira Riaz, Murtaza Saleem and Saadat Anwar Siddiqi, "Modification in structural, morphological and dielectric properties of lead titanate by Fe-doping", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1038. Shahid Atiq, Muhammad Burhan Shafqat, M Ali, Murtaza Saleem and Shahzad Naseem, "Synthesis and comparison of structural, morphological and dielectric properties of XCr_2O_4 ($X = Zn, Mn, Cr \& Fe$) spinel nanoparticles", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1039. Shahid Atiq, Adnan Afzal, Samina Nazli Khan, M Arshad, Shahzad Naseem and Saira Riaz, "Investigation of dielectric and ferroelectric properties of Cr_2O_3 and $MnCr_2O_4$ ", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1040. Zaheer H. Shah, Saira Riaz, Shahid Atiq, S. Sajjad Hussain, Shahzad Naseem, "Tunable Magnetic and Dielectric Properties of Sol-Gel Synthesized Iron Oxide Nanoparticles –Effect of pH", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1041. Sidra Khan, Saira Riaz and Shahzad Naseem, "The effect of molarity on the synthesis of $Ba(TiO_3)$ thin films by Chemical Bath Deposition (CBD)", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1042. Shahid Atiq, Muhammad Faizan, Ali Haider Khan, Jafar M Parakkanday, I. A. Alsayed, Moin Ahmad Khan and Shahzad Naseem, "Co-existence of magnetic and electric ferroic orders in La-substituted $BiFeO_3$ ", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1043. Attia Awan, Saira Riaz, S Sajjad Hussain, Shahid Atiq, Shahzad Naseem, "Interdependence of magnetic and Dielectric Behaviour of Bismuth Ferrite Thin Films- Effect of Molarity", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1044. Hafiza Syeda Faiza, Saira Riaz and Shahzad Naseem, "Effect of calcination temperature on structural, magnetic, dielectric and optical properties of maghemite nanoparticles", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1045. Shabana Aziz, Saira Riaz and Shahzad Naseem, "Synthesis and Magnetic Characterization of CoPt/Fe Nanowires", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1046. Iram Ali, Saira Riaz and Shahzad Naseem, "Fabrication and magnetic Characterization of Graphene Reinforced $Fe-O_x$ Nanotubes", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1047. Shahid Atiq, M Younas, Murtaza Saleem and Shahzad Naseem, "Magnetodielectric characteristics and magnetic phase transition of ACr_2O_4 ($A= Fe, Co$ and Ni)", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan

1048. Shahid Atiq, Komal Nayab, Saira Riaz and Shahzad Naseem, "Effect of Ba, Co co-doping on the morphological and multiferroic properties of BiFeO_3 ", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1049. S Mudassar Muzaffar, Saira Riaz and Shahzad Naseem, "Solution Growth of ZnO Nanorods by Chemical Bath Deposition Through Different Experimental Approaches", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1050. Shahid Atiq, M Mustafa, Kumail Abbas, Asif Mahmood, Shahzad Naseem and Shahid Ramay, "Investigation of multifunctionality in Ce-doped $\text{Nd}_2\text{Zr}_2\text{O}_7$ ", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1051. Salman Afzal, Ansar Khan, M Waqas Hanif, Hadia Noor, Saira Riaz and Shahzad Naseem, "Mechanical and Magnetic Properties of iron oxide nanoparticles doping in polymer reinforced composites", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1052. Sakina Hasan, Saira Riaz and Shahzad Naseem, "Magnetic and Magnetization of FeTiO_3 Nanowire Arrays", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1053. Shumaila Islam, Noriah Bidin, Saira Riaz and Shahzad Naseem, "Synthesis of cauliflower-like CdTe doped silica-titania structures for cyclic compounds detection: Sol-gel Approach", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1054. Shumaila Islam, Hazri Bukhtiar, Saira Riaz and Shahzad Naseem, "Silica-Titania nanocomposite Aerogel for Photocatalytic applications", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1055. Zaheer H. Shah, M. Imran, Saira Riaz, Shahid Atiq, S. Sajjad Hussain, Shahzad Naseem, "Oleic Acid Assisted Synthesis of Fe_3O_4 and Vacancy Ordered and Disordered $\gamma\text{-Fe}_2\text{O}_3$ Nanoneedles", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1056. Rida Ahmed, Shuting Wang, Jie Sun, Sajid Ur Rehman, Saira Riaz, Shahzad Naseem and Chun Chang Wang, "The role of $\text{Fe}^{2+}/\text{Fe}^{3+}$ in the colossal dielectric properties of $\text{LaFe}_{1-x}\text{Al}_x\text{O}_3$ prepared by sol-gel", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1057. Almas Ashraf, Atiba Shahid, Mahmood -Ul- Hassan, Saira Riaz and Shahzad Naseem, "Characterization of Zr doped SnO_2 fabricated by using co-precipitation method", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1058. Atiba Shahid, Almas Ashraf, Mahmood Hassan, Saira Riaz and Shahzad Naseem, "Characterization of Ba_3SnO antiperovskite grown by using co-precipitation method", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1059. Shahid Kaleem, Mahmood -Ul-Hassan, Shahid Atiq, Saira Riaz and Shahzad Naseem, "Study of Multiferroic Characteristics BiMnO_3 Grown by Co-precipitation technique", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan

1060. Farzana Majid, M Shahzad Bhatti, Saira Raiz and Shahzad Naseem, "Detailed Investigations of Dielectric Behaviour of Spin Coated BFO Thin Films", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1061. Farzana Majid, Mohammad Haroon, Mohammad Imran, Saira Raiz and Shahzad Naseem, "Structural, Dielectric and Magnetic Investigations of Bismuth Iron Oxide Thin Film using Sol Gel and Spin Coating Method", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1062. S Sajjad Hussain, Saira Riaz and Shahzad Naseem, "Temperature dependent dielectric properties of sol-gel synthesized AlN thin films for wireless temperature sensing system", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1063. Attia Awan, Saira Riaz, Shahid Atiq, Shahzad Naseem, "Molarity Dependent Oscillatory Magnetic and Structural Behaviour of Phase Pure BiFeO₃ Thin Films – A Sol Gel Approach", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1064. M Naseer Ahmad, Mahmood-Ul-Hassan, Awais Asif, Shahzad Naseem and Saira Riaz, "Preparation of Cd_{1-x}Fe_xS to Investigate Structural, Magnetic and Surface Characteristics", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1065. Robina Ashraf, Ali Raza, Saira Riaz, M Akram Raza and Shahzad Naseem, "Synthesis of Fe₃O₄ nanoparticles by sol-gel method and Effect of calcination temperature on their properties", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1066. Aseya Akbar, Saira Riaz, Shahzad Naseem, "Magnetic Phase reduction in Iron Oxide Thin Films Using Hydroxyl Ions", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1067. S Sajjad Hussain, Saira Amjad, Saira Riaz and Shahzad Naseem, "Preparation of alternately stacked TiO₂/Al₂O₃ Sputtered Multilayers as optical Bandpass Filter", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1068. Amina Mehwish, Saira Riaz, YB XU, Shahzad Naseem, "Magnetoactive Maghemite (γ -Fe₂O₃) Thin Films using Sol-gel and Spin Coating Method", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1069. Waqar Azeem, Saira Riaz, Shahzad Naseem, "Magnetic Switching and Conduction Relaxation in Mg doped α -Fe₂O₃ Thin Films", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1070. M Tahir, Samra Syed, Saira Riaz, Shahid Atiq, Shahzad Naseem, "Role of Bi/Fe Ratio on Dielectric and Ferroelectric Properties of Bismuth Iron Oxide Thin Films", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1071. Attia Awan, Waqar Azeem, Saira Riaz, Shahzad Naseem, "Tunable Ferroelectric and Dielectric Properties of Bismuth Iron Oxide Thin Films - Effect of Calcium Doping", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan

1072. M Tahir, Saira Riaz, S. Sajjad Hussain, Shahzad Naseem, "Enhanced Magnetic and Dielectric Properties of Sol-Gel Deposited Bi_{1-x}La_xFeO₃ Thin Films", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1073. Attia Awan, Saira Riaz, S Sajjad Hussain, Shahzad Naseem, "BiFeO₃ Thin Films for Electronic Applications-Structural and Dielectric Properties", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1074. Zohra N Kayani, Saima Iram, Rida Rafi, Dr. Saira Riaz, Shahzad Naseem and Marya Siddique, "Cu-doped ZnO thin films: Synthesis and properties", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1075. M Tahir, Saira Riaz, YB Xu, Shahzad Naseem, "Reduction Roasting Mechanism of Hematite to Magnetite for Spin Filter Devices", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1076. Fabeha Javed, M Tahir, Saira Riaz, Shahzad Naseem, "Non Over-Lapping Polaron Tunneling Mechanism in BiFeO₃ Thin films", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1077. S Mansoor Ali, S.S. Alghamdi, Shahid M. Ramay, S. Atiq and S. Naseem, "Structural and optical modification of TiO₂ thin film after annealing", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1078. S Sajjad Hussain, Saira Riaz and Shahzad Naseem, "Effect of temperature on dielectric and structural properties of Sol-gel synthesized AlN thin films", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1079. Aseya Akbar, Saira Riaz and Shahzad Naseem, "Role of Fe³⁺/Fe²⁺ ratio on Phase stability, Magnetic and Dielectric Properties of Iron Oxide Thin Films – A Sol-Gel Approach", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1080. M Tahir, Saira Riaz, Shahid Atiq, Shahzad Naseem, "Role of Manganese Doping on Phase Purity, Magnetic and Dielectric Properties of BiFeO₃ Thin Films", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1081. Hassan Yousaf, S. Riaz and S. Naseem, "Identification of Monoclinic and Tetragonal Phases in Sol-Gel Synthesized Tin-Doped Zirconia Thin Films", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1082. M Tahir, Saira Riaz, S. Sajjad Hussain, Shahzad Naseem, "Role of Barium Doping on oxygen vacancy reduction in BiFeO₃ Thin Films- Ferromagnetic and Dielectric investigation", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan
1083. Erum Kakar, S. Riaz and S. Naseem, "Characterizing Nanomechanical Properties of Polyurethanes and Acrylics Polymer Coatings using Atomic Force Microscopy", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan

1084. Zainab Saeed Khan, M. Azam, S. Mudassar Muzaffar, Hassan Yousaf, Saira Riaz, Shahzad Naseem, "Al doped ZnO thin films by sol-gel –A facile route to prepare spinel structure", Presented at International Conference on Solid State Physics – 2017 (ICSSP'17), December 10-14, 2017, University of the Punjab, Lahore, Pakistan

**Popular
Articles**

1. "Photovoltaics – sunlight to electricity", Newsletter – A quarterly publication of the Pakistan Institute of Physics, Vol. 3, No. 4, 1991
2. "The Sun – an abundant source of energy", Horizons – A fortnightly magazine of the daily Frontier Post, November 10, 1992
3. "The solar cell – basics to advanced systems", Newsletter – A quarterly publication of the Pakistan Institute of Physics, Vol. 6, No. 1, 1994