CURRICULUM – VITAE

Dr. ANEES AHMAD ANSARI
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RESEARCH EXPERIENCE

17/05/2016-till date	Associate Professor at King Abdullah Institute for Nanotechnology, King Saud University, Riyadh, KSA since.
26/01/2009-16/05/2016	Asst. Professor at King Abdullah Institute for Nanotechnology, King Saud University, Riyadh, KSA since.
04/2006-01/2009	Postdoctoral Research Associate (CSIR, Govt. of India): National Physical Laboratory New Delhi
10/2004-03/2006	Postdoctoral Research Associate (CSIR, Govt. of India): Department of Chemistry, Delhi University (Central University), Delhi.

ACADEMIC EXPERIENCE

⇒ One year teaching experience of postgraduate teaching (MSc (Chem.)) at D/O Chemistry, Delhi University, Delhi.

⇒ Supervised eight (8) research projects of postgraduate students (MSc) at Jamia Millia Islamia (Central Univ.) New Delhi, INDIA.

⇒ Supervised two M.Tech. Students one year training (Tezpur University, Assam, India) at National Physical Laboratory, Delhi, India.

⇒ Trained M.Phil and PhD students for research on material synthesis/characterization at Delhi University, Delhi, INDIA

ACADEMIC QUALIFICATION

March/2004	**Doctor of Philosophy**: Department of Chemistry, Jamia Millia Islamia (A Central University), New Delhi. INDIA
1998	**Master of Science** (Physical Chemistry): MJP Rohelkhand Univ. Bareilly, U.P. INDIA
1996	**Bachelor of Science** (Chemistry, Zoology):MJP Rohelkhand Univ. Bareilly, U.P. INDIA

Summarized list of publications with impact factor and citation:

SN	Journals & years of published articles	Impact Factor	Citations	Number of Publications
1.	Nanomedicine:Nanotech.,Biol.,Med.,**2013**	**6.97**	14	1
2.	Journal of Materials Chemistry **2011&2012**	**6.8**	32&19	2
3.	Analyst **2009**	**4.23**	32	1
4.	Electrochemistry Commun. **2008 +2**	**4.18**	**119 & 91**	2
5.	Integrative Biology **2014**	**4.2**	**28**	1
6.	Nanotechnology **2009**	**3.98**	52	1
7.	Sensor & Actuator B **2009+3; 2012**	**3.91**	**97;82;44;19**	4
8	Dalton Transactions**2012;2014;2014**	**4.2**	**83;50;17**	3
9	Bioelectrochemistry **2010**	**3.76**	**55**	1
10	Analytica Chimica Acta **2008**	**4.55**	**172**	1
11	Applied Physics Letters **2008 +2; 2009**	**3.7**	**75&61&52**	3
12	Physical Chemistry Chemical Physics2013	**4.6**	**38**	1
13	Journal of Biotechnology **2009**	**3.04**	**64**	1
14	Journal Nanoparticles Research **2008;2012**	**3.287**	20; 6	2
15	Electroanalysis **2009**	**2.72**	**80**	1
16	Journal of Biomed and Biotechnology **2010**	**2.44**	24	1
17	Journal of Material Research **2009**	**2.01**	13	1
18	Spectrochim.Acta Part A **2004; 2007+3 2012; 2014**	**2.1**	29;18; 17; 16; 15;8	6
19	Journal of Luminescence **2007; 2012; 2015**	**2.1**	28;10;5	3
20	Journal of Alloys and Compounds **2011**	**2.5**	24	1
21	Journal of Physics: Conference Series **2012;2013+3**	**2.02**	9;4	4
22	Materials Letter **2009;2012**	**2.3**	56;2	2
23	Sensors **2010+2;2015**	**1.9**	**50;23;6**	3
24	Journal of Coordination Chemistry **2008**	**1.93**	11	1
25	Biochemical Engineering Journal **2009**	**1.875**	36	1
26	Sensor Letter **2009**	**1.57**	4	1
27	Journal of Nanoscience & Nanotech **2009**	**1.44**	25	1
28	Advanced Science Letters **2010; 2011**	**1.11**	2;1	2
29	Main Group Chemistry **2008+3**	**0.64**	10;7;1	3
30	Spectroscopy Letter **2009**	**0.72**	3	1
31	Polymers Advanced Technologies **2011**	**2.0**	11	1
32	Journal of Semiconductors **2010+2; 2011,2012**	**0.9**	36;10;5	4
33	Arabian Journal of Chemistry **2013**	**3.75**	13	1
34	Journal of Fluorescence 2014;2016		1	2
35	Laser Physics 2013	**3.2**	1	1
36	Applied Physics A 2014; 2016	**1.8**	4;	2
37	Journal of Crystal Growth 2013	**2.86**	3	1
38	Journal of Nanomaterials 2013; 2016	**1.6**	8;	2
39	Materials 20113+2	**2.0**	21;11	2

40	Nanoscale Research Latters 2013	**2.75**	7	1
41	Advanced Science, Engineering and Medicine 2013+2		7;3	2
42	RSC Advances 2016;2016	**3.84**	1;1	2
43	Medical Chemistry Communications 2016	**2.6**		1
44	Phase Transitions 2015;2016	**0.98**	1;	2
45	Journal of Electroceramics 2016	**1.75**		1
46	Materials Chemistry and Physics	**2.5**	2	1
47	Arch Environ. Contam. Toxicol	**2.1**	2	1
48	Desalination and Water Treatment	**0.91**		1
49	Solar Enrgy Materials Solar Cells	**5.5**		1
50	J. Chinese Chem. Soc.	**0.89**	2	1
52	Journal of Biological Inorganic Chemistry	**2.5**	4	1
53	Acta Metall. Sin.	**0.8**	1	1
54	Journal of Sol-gel Science and Technology	**1.8**		1
55	Analytical Letters	**1.2**		1
56	Science of Advanced Materials	**2.5**		1
57	Saudi Journal of Biological Sciences			
	Book & Book Chapters			
31	Nova Science Publishers Inc. USA, **2009, 2010**		16;5	3
32	www.sciyo.com/books/show/title/biosensors) ISBN 978-953-7619-99-2 **2010**		17	1
	Total		**Cits. 2051**	**Publ. 96**

ACHIEVMENTS/AWARDS:

- CSIR, Govt. of India Granted Postdoctoral Research Associate (2004)project No.01(1793)/02EMR-II.
- CSIR Govt. of India Granted Postdoctoral Research Associate (2006) project No. 9/45(630)06-EMR-I
- Research Project entitled"development of DNA biosensor for detection of Neisseria Gonorrhoeae in clinical samples" Project. no. 20/7(178)2008-E.IV for 1 year

Member of International/National Research Bodies

- **Life Member of American Chemical Society, USA** **member no.2371348/personal ID No.228763**
- **Life Member of American Nano Society, USA**
- Life Member of Material Research Society of India Membership No. LM B1016
- Life Member of Laser and Spectroscopy Society of India
- Life Member of Indian Society of Analytical Chemistry
- Member of Green Chemistry Institute, London, UK
- **Member of Who's Who in the World, USA**

Major Area of Research Interest:

- Application of nanomaterials for Biosensors
- Synthesis of luminescent lanthanides metal nanoparticles (Ln_2O_3:Ln; $NaLnF_4$, $LnPO_4$, LnF_3, $LnVO_4$ and their derivatives $NaLnF_4$:Ln, $CaMoO_4$:Ln, $LnVO_4$:Ln where Ln=Y, La, Gd, Eu,Tb,Yb,Er,Ho,Tm) and silica coated core-shell nanoparticles for nanophosphor, bioimaging, photodynamic therapy and optical biosensor applications.
- Fabrication of nanostructured metal oxides (CeO_2, ZnO, ZrO_2, Fe_2O_3, Fe_3O_4, Mn_3O_4,CuO, Co_3O_4, TiO_2 and SnO_2) films and nanoparticles via chemical routes (Sol-gel, Micro-emulsion, Solvothermal, Sonochemical, Microwave, Co-precipitation, etc) for electrochemical biosensor applications.
- Synthesis of organometallic lanthanide metal complexes.
- Synthesis of Quantum dots (CdS, CdSe, CdTe) via microwave process and silica core shell nanoparticles.

Known Research techniques:

- X-ray diffraction; Energy-dispersive X-ray spectrometer; transmission electron microscope; Scanning electron microscopy; Atomic force microscopy; ultraviolate/Visible; Fourier transform infrared; Raman Spectroscopy; Photoluminescence; Cyclic voltammetry; Differential pulse voltammetry; Electrochemical Impedance spectroscopy; Differential light scattering (DLS) etc.

Research project completed & approved

- **Title:** *Surface functionalized mesoporous luminescent rare-earth fluoride core-shell nanoparticles for photodynamic therapy application*, (**Principle Investigator**) King Abdul Aziz City for Science and Technology, King Saud University, Riyadh Saudi Arabia.(2013)
  Budget: 1808000 SAR (2,89,28000 INR).

- **Title:** *Early cancer diagnosis and treatment via next generation multi-photon fluorescence microscopy;* (**Co-Investigator**) *joined Research project with Max Plank Quantam optics Garching, Ludwing Maxmillian University, Munich, Germany and King saud University,Saudi Arabia*
- **Title:** *Silicon nanoparticles in sol-gel based active media for optoelectronic applications*
  Funding agency: King Abdul Aziz City for Science and Technology, King Saud University, Riyadh Saudi Arabia. (2010)
  Budget: **1 Million SR.**

Pub.:109(ISI Journals)+ BookChap. 4; Citat.(03May2017)>2483 *h*-index 28

Book Chapters

1. Anees A. Ansari*,* P. R. Solanki, A. Kaushik, B. D. Malhotra; Recent Advances in Nano-Structrured Metal Oxides Based Electrochemical Biosensors for Clinical Diagnostics; Ed. U. Yogeshwaran, S. Kumar, S. Chen; *Nanostructured Materials for Electrochemical Biosensors*, Nova Publishing CO. USA 2009. **ISBN:** 978-1-60741-706-4. https://www.novapublishers.com/catalog/product_info.php?products_id=15228
2. Anees A. Ansari*,* M.N. Khan, Mansour Al Hoshan, A. S. Al Dwayyan, M. S. Alsalhi,Nanostructured materials: classification, properties, fabrication, characterization and their applications in biomedical sciences; Editors: Aiden E. Kestell and Gabriel T. DeLorey; Title: *Nanoparticles Properties, Classification, Characterization, and Fabrication,* Nova Science Publishers Inc. USA 2010. **ISBN:** 978-1-61668-344-3
3. Anees A. Ansari*, M.Al Hoshan, A. S. Al Dwayyan, M. S. Alsalhi; Nanostrctured metal oxides for enzyme based electrochemical biosensors; Ed. Pier Andrea Serra ***Biosensors;*** (http://www.sciyo.com/books/show/title/biosensors) page 23-46,ISBN 978-953-7619-99-2
4. Anees A. Ansari* Nanomaterials in the advancement of electrochemical DNA biosensors;, Editors, Ashutosh Tiwari, Srikanth Pilla, *Recent Developments in Bio-Nanocomposites for Biomedical Applications* Nova Science Publishers, Inc., New York, USA. https://www.novapublishers.com/catalog/product_info.php?products_id =15228; **ISBN:** 978-1-61761-008-0

RESEARCH PAPERS PUBLISHED IN REFEREED JOURNAL:2017

2017

109. **Anees A. Ansari**, A. Aldalbahi, J.P. Labis, A. Mohammad El-Toni, M.A. Manthrammel, Monodispersed mesoporous $La(OH)_3$:Eu@$mSiO_2$ core-shell nano-spheres: Synthesis, luminescence and biocompatibility, Colloids and Surfaces B: Biointerfaces DOI information: 10.1016/j.arabjc.2017.10.008
108. **Anees A. Ansari,** J.P. Labis, M. Aslam Manthrammel, Designing of core/shell $GdPO_4$:Eu@$LaPO_4$@SiO_2 nanorods: Synthesis, structural and luminescence properties, Solid State Sciences 71(2017)117-122.

107. **Anees A. Ansari,** Silica-modified luminescent $LaPO_4$:Eu@$LaPO_4$@SiO_2 core/shell nanorods: synthesis, structural and luminescent properties, Luminescence 2017 DOI: 10.1002/bio.3379
106. **Anees A. Ansari,** Physicochemical studies of luminescent YPO_4:Tb nanorods: Synthesis and impact of surface coating on luminescence properties, Colloids& Surfaces A:PhysiochemEng.Asp. 529(2017)286-291.
105. **Anees A. Ansari,** Effect of surface coating on structural and photo-physical properties of $CePO_4$:Tb, nanorods, Materials Sciences of Engineering B 222(2017)43-48.
104. **Anees A. Ansari,** Photochemical studies of monodispersed YPO4:Eu microspheres: the role of surface modification on structural and luminescence properties, Journal of Photochemistry and Photobiology A: Chemistry 343**(**2017)126-132.
103. S. Khan, **Anees A. Ansari**, Christian Rolfo, Andreia Coelho, M. Abdulla, O.Al-Obaid, Khayal Al-Khayal, R. Ahmad, "Evaluation of in vitro cytotoxicity, biocompatibility, and changes in the expression of apoptosis regulatory proteins induced by cerium oxide nanocrystals" Science and Technology of Advanced Materials 18(2017)364-373
102. **Anees A. Ansari,** Ali K. Aldalbahi, J.P. Labis, M. Aslam Manthrammel, Impact of surface coating on physical properties of europium doped gadolinium fluoride nanospheres, Journal of Fluorine Chemistry,199(2017)7-13.
101. **Anees A. Ansari**, Ranvijay Yadav, S.B. Rai, Enhanced upconversion luminescence and effect of surface coating on highly aqueous dispersible upconversion CaF_2:Yb/Er nanoparticles, Photochemical & Photobiological Sciences 16(2017)890-896
100. **Anees A. Ansari,** Influence of surface functionalization on structural and photo-luminescence properties of CeF_3:Tb nanoparticles, Applied Surface Science 409(2017)285-290.
99. Shahnavaj Khan, **Anees A.Ansari,** Azmat A. Khan, M. Abdulla, O.Al-Obaid, In-vitro evaluation of cytotoxicity and possible alteration in apoptotic regulatory proteins of synthesized copper oxide nanoparticles on colon cancer cell lines, Colloids and Surfaces B: Biointerfaces 153 (2017) 320–326
98. **Anees A. Ansari,** Comparative structural, optical and photoluminescence studies of YF_3:Pr, YF_3:Pr@LaF_3 and YF_3:Pr@LaF_3@SiO_2 core-shell nanocrystals, Journal of Chinese chemical Society 64(4)(2017)440-448 DOI: 10.1002/jccs.20170001597.

2016

97. **Anees A. Ansari**, Effect of surface functionalization on structural, optical and photoluminescence properties of luminescent LaF_3:Sm nanoparticles, Journal of Nano-science of Nanotechnology 2016 doi:10.1166/jnn.2017.13978Accepted
96. **Anees A. Ansari,** M. Aslam Manthrammel, Surface coating effect on structural, optical and photoluminescence properties of Eu^{3+} doped yttrium fluoride nanoparticles, Journal of Inorganic and Organometallic Polymers and Materials. 27(2017)194-200.
95. **Anees A. Ansari**,M. Alam, Naushad Ahmad, Effect of passive LaF_3 and amorphous silica layers on crystal structure, thermal, optical and photoluminescence properties of LaF_3:Eu nanoparticles, Science of Advanced Materials 9(2017)1359-1366.
94. **Anees A. Ansari**, Ranvijay Yadav, S.B. Rai, A facile synthesis approach and impact of shell formation on morphological structure and luminescent properties of aqueous dispersible $NaGdF_4$:Yb/Er upconversion nanorods, Journal of Nanoparticle Research (2016) 18:370

93. **Anees A. Ansari**, Monika Rai, S.B. Rai, Impact of inert LaF_3 and amorphous silica shell formation on crystal,optical and photo-luminescence properties of LaF3:Ce/Tb nanoparticles, Materials Chemistry Frontiers 1(2017)727-734.
92. **Anees A. Ansari**, A. K. Parchur, B. Kumar, S. B. Rai, Highly aqueous soluble down-conversion CaF_2:Ce/Tb nanocrystals: Effect of surface functionalization on structural, optical band gap and photoluminescence properties, Journal of Material Science:Materials in Medicine (2016) 27: 178.
91. **Anees A. Ansari**, Impact of surface coating on morphological, optical and photoluminescence properties of YF_3:Tb^{3+} nanoparticles, Chinese Chemical Letters 28(2017)651-657.
90. **Anees A. Ansari**, J. Labis, M. Alam, S.M. Ramay, N. Ahmed, Asif Mahmood, Comparative structural, optical and redox properties of Ag ion-doped CeO_2 nanoparticles, Analytical Letters, 50(2017)1360-1371.
89. **Anees A. Ansari***, T.N. Hasan, N.A. Syed, J.P. Labis, A.A. Alshatwi, In-vitro cytotoxicity and cellular uptake studies of luminescent functionalized core-shell nanospheres; Saudi Journal of Biological Sciences 24(2017)1392-1403 DOI: 10.1016/j.sjbs.2016.08.012
88. S. Khan, **Anees A. Ansari**, A.A. Khan, M. Abdulla, O. Al-Obaid, R. Ahmad, In Vitro Evaluation of Anticancer and Biological Activities of Synthesized Manganese oxide Nanoparticles, Medical Chemistry Communications, 7(2016)1647-1653
87. **Anees A. Ansari**, Ranvijay Yadav, S.B. Rai, Influence of surface coating on structural, morphological and optical properties of upconversion luminescent LaF_3:Yb/Er nanoparticles, Applied Physics A 122 (2016)635
86. **Anees A. Ansari**, A. K. Parchur, B. Kumar, S. B. Rai, Influence of shell formation on morphological structure, optical and emission intensity on aqueous dispersible $NaYF_4$:Ce/Tb nanoparticles, Journal of Fluorescence 26(2016) 1151-1159.
85. M. Atif, N. Abbas, M.F. Alam, M. Siddiqui, **Anees A. Ansari** and A.A. Al-Khedhairy, In-vitro cyto-toxicity of luminescent functionalized mesoporous SiO_2@$Eu(OH)_3$ core-shell microspheres in MCF-7, Journal of Nanomaterials, V. 2016 (2016) Ar.ID 7691861, 6 pages.
84. **Anees A. Ansari**, Ranvijay Yadav, S.B. Rai, Enhanced luminescent efficiency of aqueous dispersible porous $NaYF_4$:Yb/Er nanoparticles and effect of surface coating, RSC Advances 6 (26) (2016), 22074-22082
83. **Anees A. Ansari**, J. Labis, M. Alam, S.M. Ramay, N. Ahmed, Asif Mahmood, Influence of copper ion doping on structural, optical and redox properties of CeO_2 nanoparticles, Journal of Electroceramics, 36(2016)150-157.
82. S. Khan, **Anees A. Ansari**, A.A. Khan, R. Ahmad, M. Abdulla, O. Al-Obaid, In-vitro investigation of anticancer and antibacterial activity of $Tb(OH)_3$@SiO_2 core-shell nanoparticles, RSC Advances 6 (22)(2016), 18667-18677
81. **Anees A. Ansari**, J. Labis, M. Alam, S.M. Ramay, N. Ahmed, A. Mahmood, Synthesis, structural and optical properties of Mn doped ceria nanoparticles: A promising catalytic material, Acta Metall. Sin., 2016, 29(3), 265–273

2015

80. **Anees A. Ansari**, J. Labis, M. Alam, S.M. Ramay, N. Ahmed, Asif Mahmood, Effect of cobalt doping on structural, optical and redox properties cerium oxide nanoparticles, Phase Transitions, 89(2016) 261-272. **DOI:**10.1080/01411594.2015.1116532

79. S. Khan, **Anees A. Ansari**, A.A. Khan, R. Ahmad, M. Abdulla, O. Al-Obaid, I*n-vitro* evaluation of cytotoxicity and biological activities of cobalt oxide nanoparticles, Journal of Biological Inorganic Chemistry 20(2015)1319-1326.
78. **Anees A. Ansari**, J. Labis, M. Alam, S.M. Ramay, N. Ahmed, Asif Mahmood, Physicochemical and redox characteristics of Fe ion-doped CeO_2 nanoparticles, J. Chinese Chem. Soc., 62, iss.10(2015)925-932.
77. J.P. Labis, M. Hezam, A. A. Anazi, H. A. Brithen, **Anees A. Ansari**, A. ElToni, R. Enriquez, G. Jacopin, M.A. Hoshan, Pulsed laser deposition growth of 3D ZnO nanowalls in nest like structures by two step approach, Solar Energy Materials Solar Cells 143(2015)539-545.
76. K.M. Abu-Salah, M. Zourob, F. Mouffouk, S.A. Alrokayan, M. Alaamry, **A. A. Ansari**, DNA-based Nanobiosensors as an Emerging Platform for Detection of Disease; Sensors 15(2015)14539-14568.
75. D. Ali, H. Ali, S. Alarifi, S. Kumar, M. Serajuddin, A.P. Mashih, M. Ahmed, M. Khan, S.F. Adil, M. R. Shaik, **Anees A. Ansari,** Impairment of DNA in a freshwater gastropod (Lymnea luteola L.)after exposure to titanium dioxide nanoparticles. Arch Environ. Contam. Toxicol., 68(2015) 543-552.
74. M. Naushad, **Anees A. Ansari**, Z.A. Alothman, J. Mittal, Synthesis and characterization of $YVO_4:Eu^{3+}$ nanoparticles: kinetics and isotherm studies for the removal of Cd^{2+} metal ion, Desalination and Water Treatment, 57(5)(2016)2081-2088.
73. **Anees A. Ansari,** M. Alam, Optical and structural studies of $CaMoO_4$:Sm, $CaMoO_4$:Sm@$CaMoO_4$ and $CaMoO_4$:Sm@$CaMoO_4$@SiO_2 core-shell nanoparticles, J. Luminescence 157(2015) 257-263.

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72. **Anees A. Ansari,** A. K. Parchur, M.Alam, A.Azzeer, Structural and photoluminescence properties of Tb-doped $CaMoO_4$ nanoparticles with sequential surface coatings, Materials Chemistry and Physics 147,3(2014)715-721.
71. **Anees A. Ansari,** A. K. Parchur, M.Alam, J.P Labis, A.Azzeer, Influence of surface coating on structural and photoluminescent properties of $CaMoO_4$:Pr, nanoparticles, Journal of Fluorescence, 24,4(2014)1253-1262.
70. **A. A. Ansari***, M.Alam, A. K. Parchur, Nd-doped calcium molybdate core and core-shell nanoparticles: Synthesis, optical and photoluminescence studies Applied Physics A 116(2014)1719-1728.
69. **A. A. Ansari***, A. K. Parchur,M.Alam, A.Azzeer, Effect of surface coating on optical properties of Eu^{3+}-doped $CaMoO_4$ nanoparticles; Spectrochim. Acta Part A131 (2014) 30-36.
68. B. P. Singh, A.K. Parchur, R.S.Ninghthoujam, **A. A. Ansari**, P. Singh and S. B. Rai; Enhanced Photoluminescence in $CaMoO_4:Eu^{3+}$ by Gd^{3+} co-doping, Dalton Trans., 43(2014)4779-4789.
67. B. P. Singh, A.K. Parchur, R.S.Ninghthoujam, **A. A. Ansari**, P. Singh and S. B. Rai; Influence of Gd^{3+} -doping on structural Property of $CaMoO_4$:Eu, Dalton Trans., 43(2014)4770-4778.
66. A. K. Parchur, **A. A. Ansari**, B. P. Singh, T.N. Hasan, N.A. Syed, S.B. Rai, R.S. Ningthoujam, Enhanced luminescence of $CaMoO_4$:Eu core@shell nanoparticles and functionalization of Fe_3O_4-$CaMoO_4$:Eu hybrid magnetic nanoparticles for hyperthermia applications. Integrated Biology. 2014. 6,53-64.

2013

65. M.Alam, **Anees A. Ansari**, M.R. Shaik, N.M Alandis, Optical and electrical properties studies of Polyaniline/ZnO nanocomposite, Journal of Nanomaterials2013, Article ID 157810, 5.
64. K. Khun, Z.H. Ibupoto, M.S. AlSalhi, M. Atif, **A.A Ansari**,M. Willander, Fabrication of well-aligned ZnO nanorods using a composite seed layer of ZnO nanoparticles and chitosan polymer; Materials **2013**, *6*(10), 4361-4374; doi:10.3390/ma6104361
63. Z.H. Ibupoto, K. Khun, M. O. Eriksson, M.S. AlSalhi, M. Atif, **Anees A. Ansari**, Magnus Willander; Hydrothermal Growth of Vertically Aligned ZnO Nanorods using a bio-composite seed Layer of ZnO Nanoparticles, Materials **2013**, *6*(8), 3584-3597; doi:10.3390/ma6083584
62. **Anees A. Ansari**[*1], T.N. Hasan, N.A. Syed, J.P. Labis, A.K. Parchur[3], G. Shafi[4], A. A. Alshatwi, In-vitro cyto-toxicity, geno-toxicity and bio-imaging evaluation of on-pot synthesized luminescent functionalized mesoporous SiO_2@$Eu(OH)_3$ core-shell microspheres;Nanomedicine: Nanotechnology,Medicine & Biology 9(2013)1328-1335.**Impact Factor 6.97**
61. M.S. AlSalhi, M Atif, **Anees A Ansari**, ZH Ibupoto, M. Willander, Growth and characterization of ZnO nanowires for optical applications; Laser Physics, 23(2013)065602.
60. **Anees A Ansari***, P. Pandey, B.D. Malhotra; Sol-gel derived nanoporous CeO_2-TiO_2 film for construction of glucose biosensor; Advanced Science Engineering and Medicine, 5(2013)1113-1119.
59. A. Aldwayyan, A. Ali, **Anees A. Ansari**, M.H. Alsalhi, M.H. Nayfeh; Effect of environments on optical properties of chemically prepared Si nanoparticles, Advanced Science Engineering and Medicine, 5(2013)965-970.
58. **Anees A. Ansari***, J.P. Labis, A.S. Aldwayyan , M. Hezam; Facile synthesis of water-soluble luminescent mesoporous $Tb(OH)_3$@SiO_2 core-shell nanospheres, *Nanoscale Research Letters* 8(2013)163. **I.Factor: 2.79**
57. A. Ali, M.S. AlSalhi, M Atif, **Anees A Ansari**, M.Q. Israr, J R Sadaf, E Ahmed, O Nur, M. Willander, Potentiometric urea biosensor utilizing nanobiocomposite of chitosan-iron oxide magnetic nanoparticles, *J. Phys.: Conf. Ser.* 414 (2013)012024 doi:10.1088/1742-6596/414/1/012024.
56. M.S. AlSalhi, M Atif, **Anees A Ansari**, K Khun, ZH Ibupoto, M Willander, Magnetic nanoparticles as a seed layer for growing ZnO nanowires for optical applications, *J. Phys.: Conf. Ser.* 414(2013) 012019 doi:10.1088/1742-6596/414/1/012019.
55. Z.H. Ibupoto, K. Khun, Jun Lu, Xianjie Liu, M.S. AlSalhi, M. Atif, **Anees A. Ansari**, M. Willander; Well aligned ZnO nanorods growth on the gold coated glass substrate by aqueous chemical growth method using seed layer of Fe_3O_4 and Co_3O_4 nanoparticles; Journal of Crystal Growth 368(2013) 39-46 **Impact Factor : 1.79**
54. A. K. Parchur, N. Kaurav, **Anees A Ansari**, A I Prasad, R S Ningthounjam, S B Rai, $CaMoO_4$:Tb@Fe_3O_4 Hybrid Nanoparticles For Luminescence And Hyperthermia Applications, AIP Conference Proceeding 1512, 184-185, 2013.
53. B.P. Singh, A.K. Parchur, R. K. Singh, **Anees A. Ansari**, P. Singh, S.B. Rai; Structural and Up-conversion Properties of Er^{3+} and Yb^{3+} co-doped $Y_2Ti_2O_7$ Phosphors; Physical Chemistry Chemical Physics 15(2013) 3480-3489 **I Factor : 3.57**

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52. K Khun, ZH Ibupoto, J Lu, MS AlSalhi, M Atif, **AA Ansari**, M Willander; Potentiometric glucose sensor based on the glucose oxidase immobilized iron ferrite magnetic particle/chitosan composite modified gold coated glass electrode; Sensors and Actuators B: Chemical.173 (2012) 698– 703. **Impact Factor : 3.91**
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Signature of the applicant

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