***Curriculum Vita***

***Zainab Ibrahim booq***

Date of Birth: 11/11/1969

Place of Birth: Saudi Arabia (Medinah City)

Marital status: Married

Address: Division of physics and astronomy, King Saud  
 university ,Riyadh, Saudi Arabia.

Tel: 011-4652493

Cell phone: 0542942565

Email: [zbooq@ksu.edu.sa](mailto:zbooq@ksu.edu.sa)

Language: Arabic and English

***Degree and Education:***

1. 1981 First Primary School , Medinah city, Saudi Arabia.

2. 1984 Second Secondary School, Medinah city, Saudi Arabia.

3. 1987 Fifth High School, Medinah city, Saudi Arabia.

4. 1992 Bachelor Degree from College of Education in Taiba university, Medinah city, Saudi Arabia.

5. 2000 Master Degree from King saud University, Riyadh city, Saudi Arabia.

6. 2006 Doctorate of philosophy in Physics from Dundee University, Dundee, Scotland, UK.

***Current Position:***

Assistant Professor and participating in the works of college service society and developing environment, Physics & astronomy Division, Science College, King Saud University.

***Courses and conferences:***

1. Laws and Abligations of teaching memmpers, king saud university, Riyadh, Saudi Arabia, 15/10/2017.
2. Developing currclum, king saud university, Riyadh, Saudi Arabia, 11/10/2017.
3. Ideal Applaying of university teaching, king saud university, Riyadh, Saudi Arabia, 9/10/2017.
4. Ways of teaching assessment, king saud university, Riyadh, Saudi Arabia, 8/10/2017.
5. Publishing and disseminating, king saud university, Riyadh, Saudi Arabia, 28/02/2017.
6. Establishing research management, king saud university, Riyadh, Saudi Arabia, 27/02/2017.
7. Developing effective research proposals, king saud university, Riyadh, Saudi Arabia, 26/02/2017.
8. Mechanisms of discovering talented and creative and their teaching, king Saud University, Riyadh, Saudi Arabia, 20/12/2016.
9. Opposite classes, king Saud University, Riyadh, Saudi Arabia, 8/12/2016.
10. Books: writing and publishing, king Saud University, Riyadh, Saudi Arabia, 6-7/12/2016.
11. Utilizing Problem solving approach in teaching, king saud university, Riyadh, Saudi Arabia, 28/9/2016.
12. Teaching excellence and supporting student learning, king saud university, Riyadh, Saudi Arabia, 27/9/2016.
13. Inquiry-based learning, king Saud university, Riyadh, Saudi Arabia, 26/9/2016.
14. Creating a course that meets student needs: start with the end in mind, king saud university, Riyadh, Saudi Arabia, 25/9/2016.
15. Nine secret succeeded in our life, motmaena training center, Saudi Arabia, 24/7/2016.
16. Costumers service and working skill with audience, motmaena training center, Saudi Arabia,23/7/2016.
17. Emotional intelligence in leading and administration, motmaena training center, Saudi Arabia,22/7/2016.
18. Persuasion and sales engineering, developing training center and general training techniques of organization, Saudi Arabia,   
    30-31/6/2016.
19. International conference on Nonmaterials, Nanodevies, Fabrication and Characterization (ICNNFC' 16), Clarion congress hotel, Prague, Czech Republic, 1-2/4/2016.
20. Effective classroom management& dealing with students, king saud university, Riyadh, Saudi Arabia, 9/2/2016.
21. how doing creativity student, in King Abdul-Aziz and his companions foundation for Giftedness and Creativity and Ministry of education,2015.
22. Creative in solving problems, motmaena training center, Saudi Arabia, 2/5/2015.
23. The how doing with men personality, motmaena training center, Saudi Arabia, 1/5/2015,
24. Successfully leader of family, motmaena training center, 25/4/2015.
25. Six hat to thinking, motmaena training center, 25/4/2015.
26. Understanding the Personality in working environment, motmaena training center, 23/4/2015.
27. How do you control in your behaviors, motmaena training center, 18/4/2015.
28. How doing with difficult Personality, motmaena training center, 18/4/2015.
29. Understanding the fundamentals and determinants of patents, king saud university, Saudi Arabia,Riyadh,15/4/215.
30. Students support and concentration means, king saud university, 11/4/2015.
31. COMSOL Conference 2014, Cambridge University in UK, 17-19/9/2014.
32. The 3 th saudi international nanotechnology conference 2014 (3SINC), king Abdul-Aziz city for science and technology (KACST), 1-3/9/2014.
33. Developing creative working, the company of training technology and working and motmaena training center , Saudi Arabia, 29/4/2014.
34. The first Saudi conference of supporting the research, king Abdul-Aziz city for science and technology (KACST), 2/4/2014.
35. Certification of completion Instructional Design program, koerean society for educational technology, king saud university,1-2/1/2014
36. Certification of completion all modules required for raptivity program, company to bonding Saudi web,king saud university, 2-5/1/2014.
37. The 2nd Annual forum for university teaching ''Learning outcomes Assessment'', king saud university, 9-12/2/2013.
38. Developing the scalar research system, king saud university,5/2/2013.
39. Cooperative learning, king saud university,2-3/2/2013.
40. Women's higher education symposium:Growth to competition, king saud university,28-29/1/2013.
41. Time management skills, king saud university, 1-2/1/2013.
42. Effective teaching university skills, king saud university, 10-12/12/2012.
43. Learning outcome assessment, king saud university, 3-4/12/2012.
44. The 2nd Saudi international nanotechnology conference, king Abdul-Aziz city of science and technology, 11-13/12/2012.
45. Assessment and electronic exams by used learning management system, king saud university, 20/11/2012.
46. Smart board, king saud university, 2/11/2012.
47. Mixed technician in university learning , king saud university, 3-5/11/2012.
48. Colleges Restructuring symposium reality and ambition, king saud university, 7-8/10/2012.
49. Building and managing teams, king saud university,2-3/10/2012.
50. Learning based brainstorming, king saud university, 17-18/9/2012.
51. Scientific supervision of postgraduate students, king saud university,11-12/9/2012.
52. Cleaver Society psychological seeing , motmaena training center,6/3/1212.
53. Definition on learning electronic system "Blackboard" , king saud university, 29-30/2/2012.
54. Safe and comfortable learning context, king saud university, 10/3/2012.
55. Lean Six sigma (Bluck belt) Training program of Quilty, in Anexas consultancy (A group company of Anexas Europe),  
    1-8/3/2012.
56. Training on behavior and knowledge therapy of worried of children, motmaena training center,23/2/2012.
57. psychology cause of studying, Motmaena training center, 20/2/2012.
58. 8th International conference on high-capacity optical networks and emerging technologies, king saud university,19-21/12/2011.
59. Lecture about health female and habits life, king Saud university,14/12/2011.
60. International Riyadh workshop on Nonmaterial for energy storage, in King Saud University, king Abdullah institute for nanotechnology(KAIN),Riyadh, 2-4/10/2011.
61. The 1st Annual form for university Teaching, in King saud university, 11-12/9/2011.
62. Training circle eighteen of fundamental protection from ions rays, in KACST, Riyadh,11-15/6/2011.
63. Science method of Saudi female in science college, science college of princes Nora University ,14-16/5/2011.
64. Saudi day of designing the future, KACST, Riyadh, 26/4/2011.
65. Saudi International Electronics, Communications and Photonics Conference, KACST, Riyadh, 23-26/4/2011.
66. Mable program, princess Nora University, 3-4/5/2010.
67. Fundamental of building final test and interpretation its result course, princess Nora University,Riydah, 12-13/1/2010.
68. The international computer Driving License Syllabus:4.0 course (ICDL certificate), Faisal academic,Riydah,11/1/2010.
69. Female Higher Education: Trend and perspectives conference, Taibah University, Medina Munourah,4-6/1/2010.
70. Introduction of authoring and building program, National center for E-Learning and Distance Learning, Riyadh, 16/12/2009.
71. Developing test to Assess the Quality of higher education outcomes, king Fahad university of petroleum and minerals, Riyadh,9/11/2009.
72. The Basic program and certified trainer in creative thinking (TRIZ)King Abdul-Aziz University, Judah, 3-7/8/2009.
73. The international conference for Nanotechnology Industries, King Abdullah institute for nanotechnology in king saud University (KAIN), Riyadh, 5-7/4/2009.
74. Teaching portfolio, King Saud University, Riyadh,   
    28-30/3/2009.
75. KACST 3rd International symposium on quantum optics and informatics, King Abdul-Aziz city for science and technology, Riyadh,14-16/3/2009.
76. Understanding behaviors for students through theirs writing course, princess Nora university, Riyadh,28/1/2009.
77. Stream Author course, national center for E-Learning and Distance Learning, Riyadh, 10-12/1/2009.
78. Supervisor skill on thesis course, princess Nora University, Riyadh, 6-7/1/2009.
79. Courseware development course, National center for E-Leaning and Distance Learning, Riyadh,17-19/11/2008.
80. Saudi physical Society meeting, King Abdul-Aziz city for science and technology, in(KACST), Riyadh,11-12/11/2008.
81. 4th European EPR Federation Summer School, St Andrews, Scotland, UK, 22/8-1/9/2008.
82. Assessment company: How to write self study and reports, Taiba university, medinah, Saudi Arabia,2/3/2008.
83. The system and standard of academic accreditation and quality, Taiba university,medinah, Saudi Arabia, 13/1/2008.
84. Electron Microscopic and Analysis Group (EMAG) Conference, Glasgow Caledonian University, Glasgow, UK, 3-7/9/2007.
85. Intermediate PowerPoint for presentation course, Dundee University, UK, 3/5/2006.
86. Introduction to web conferencing course, Dundee University, UK, 6/3/2006.
87. Giving Presentation with confidence and power course, Dundee University, UK, 9/2/2006.
88. Recruitment interview: skills course, Dundee University, UK, 25/11/2005
89. Recruitment interview: process course, Dundee University, UK , 10/11/2005.
90. Blackboard Bytes content areas course, Dundee University,UK,22/9/2005.
91. EILTS preparatory Courses, Dundee University, Scotland,UK,28/8/2003.
92. EILTS test, Dundee University, Scotland,UK,28/7/2003.
93. Algon Queen College TOFEL Course (Canada),Ottawa city,2002.
94. Intensive Course in English language course, Carleton university, Canada, Ottawa ,2002.
95. Intensive Course in English language course, Carleton university, Canada, Ottawa ,2001.
96. Intensive Course in English language course, Ottawa university, Canada, Ottawa , 2001.

***Awards& Scholarship Degrees:***

-Bachelor Degree in Science and Education, Physics field, grad of Excellence and Honor Degree, College of Education in Taiba University, Medinah, Saudi Arabia,1991.

\_ Scholarship for Master Degree in Science and Physics, King Saud University, Riyadh, Saudi Arabia, 2000.

-Scholarship for PHD Degree in Physics, Dundee University, Dundee, Scotland, UK,2006.

- RSE fellowships, introduce of Support for my research from the Royal society of Edinburgh in UK, 8/2/2007.

- honor shield of best paper participating of the international conference for Nanotechnology Institute, King Abdullah institute for nanotechnology in king saud University (KAIN), Riyadh, 5-7/4/2009.

- Certificate of Appreciation for training saudi teams in physics Olympiad, King Abdulaziz and his companions foundation for Giftedness and Creativity and Ministry of education , in Holiday Inn, Alizdihar, Riyadh, Saudi Arabia, 4-16/2/2011.

- Certificate of Appreciation for training saudi teams in physics Olympiad, King Abdulaziz and his companions foundation for Giftedness and Creativity and Ministry of education , in Hilton, Taif, , Saudi Arabia, 1-12/8/2011.

- Certificate of Appreciation for participating in Judge working of second science conference of student in Higher education, in Princess Nora University, Riyadh, 12/7/2011

- Certificate of Appreciation for participating in the works of college service society and developing environment, in Princess Nora University, Riyadh, 19/7/ 2011

- Certificate of Appreciation for participating and consulting of Saudi government gate web page, of Eusser program of electronic government, in coral al-hamera hotel, 20/2/2012.

- Judge measurement of outcome, National center for assessment in higher education , 2-4/2/2016.

- Certificate of Appreciation for Jadgement measurement of outcome, Natation center for assessment in higher Education, Riyadh,Saudi Arabia,2- 4/02/2016.

- Certificate of Appreciation for participating of training student of king Saud University, king Abdullah institute of Nano technology in king Saud university, Riyadh, Saudi Arabia, 4-3/05/2016.

-honor shield of participating of Nbras club practice, since college of

king Saud university, 2016.

* Certificate of cardiopulmonary resuscitation for Successful completion of Cognitive and skills performance examinations in accordance with the standard of the association as BLS provider, Saudi commission for health specialties for CME credit hours under license,15/06/2015.

***Teaching activity:***

1. 4th High School for girls in Medinah, Saudi Arabia, 1991-1992.

2. 8th High School for girls in Medinah, Saudi Arabia, 1993.

3. Demonstrator in Physics Division, Taibah University, Saudi Arabia, 1994.

4. Manger and Supervisor in Laboratories of Physics Division, Taibah University, Saudi Arabia, 1995.

5. Assistant Professor, Head of Physics Division , women section, Science College, Taibah University, Saudi Arabia, 2007.

6. Assistant Professor, vice of science college , women section, Science College, Taibah University, Saudi Arabia, 2007.

7. Assistant professor, Vice of head of Physics Division, Science College, Nora University, Saudi Arabia, 2008.

8. Assistant professor, Physics Division, Science College, Nora University, Saudi Arabia, 2009-2011.

9. Assistant Professor and responsible of academic accreditation in physics department in female section, Physics & astronomy Division, Science College, King Saud University,2011-2012.

10. Trainer of Saudi teams in Physics Olympiad, King Abdul-Aziz and his companions foundation for Giftedness and Creativity and Ministry of education , 4-16/2/ 2011& 1-12/8/2011.

11. Assistant professor and responsible of service society committee, Physics Division, Science College, King saud University, Saudi Arabia, 2013-2016.

**Teaching courses**

- 101 phy, General physics, Taiba, princess Nora and king saud university,2007, 2009, 2011 .

- Atomic and molecular spectra course, in Princess Nora University, 2008

- supervision of 4 student of research project ,in in Princess Nora university,2009

- Fundamental of electromagnetic course in Nora university, 2010,2011.

- 234 phy, vibration and waves course, in king saud university, 2011-2013.

- 323 phy, electromagnetic course (2), in king saud university,2011-2013.

- 232 Phy, waves phenomena (1), in king saud university,2011- 2013.

- 104 Phy, General physics(2), king saud university, 2013.

- 498 Phy, supervision of 2 student of research project, king saud university 2011-2013.

-222 phy, electromagnetic course, king saud university, 2012-2014.

-234 phy, vibration and waves, king saud university,2011-2014.

-574 phy , material science, master degree, king saud university, 2014.

-675 phy, magnetic in solid, PHD degree, king saud university, 2015.

-371 phy , solid state 1, king saud university, 2015.

-490 phy, research skills, king saud university,2015.

-499 phy, supervision of 2 students of research project, king saud university 2015.

-499 phy, supervision of 4 students of research project, king saud university 2016.

***Research and Presentation:***

1. Zainab Booq, Sara Alghaith,(Structural study of SrTiO3 Doped with Mn Using X-Ray Diffraction), International journal of theoretical and applited Nanotechnology,Vol.5,2017,1-7.
2. Participating in workshop of student of king saud university in king Abdulla institute at 4-3/5/2016.
3. Oral presentation of International conference on Nonmaterials, Nanodevies, Fabrication and Characterization (ICNNFC' 16), Clarion congress hotel, Prague, Czech Republic, 1-2/4/2016.
4. Session chair of International conference on Nonmaterials, Nanodevies, Fabrication and Characterization (ICNNFC' 16), Clarion congress hotel, Prague, Czech Republic, 1-2/4/2016.
5. Training bag (fluid mechanics , thermo Dynamics, and Molecular Physics ) of training Saudi teams of physics Olympiad, King Abudlaziz and his companions foundation for Giftedness and Creativity and Ministry of education,29/7/ 2011.
6. Oral Presentation in the conference for Saudi female in science college, Science college in Princess Nora University 14-16/5/2011.
7. Dr. Zainab Booq, D.J.Keeble, R.R. Garipov,( Electron Paramagnetic Resonance Studies of Iron ions (Fe3+ - VO) as nanomaterials in Strontium Titanate Oxide (SrTiO3) Crystals at 80K), Physicl review, Under publishing.
8. Dr. Zainab Booq, D.J.Keeble,(Electron Paramagnetic resonance   
   studies of isolated Iron (Fe3+ )ion in SrTiO3 Crystals at 80 K), under publishing.
9. D.J.Keeble, M.loyo-Menoyo, Z.I.Y.Booq, R.R.Garipov, etc, ''Fe3+ defect dipole centres in ferroelectric PbTiO3 studied using electron paramagnetic resonance'', Physical review B 80, 014101(2009).
10. Oral Presentation in the International conference for Nanotechnology Industries, King Abdullah Institute for Nanotechnology in King Saud University(KAIN),5-7/4/2009.
11. Electron paramagnetic resonance studies of the iron ions in strontium titanate oxide crystals, PHD thesis, Dundee University, Dundee, UK,2006.
12. four posters present in different EPR conferences about ''EPR studies of the iron ions in strontium titanate oxide crystals at 120 K and 80 K'',''EPR studies of the iron ions in strontium titanate oxide crystals at 120 K and 80 K'',''EPR studies of iron ions in lied titanate oxide crystals'', ''EPR study of point defect and impurities in ferroelectric perovskite oxides materials'',Europe,2003-2006.
13. Mathematical models of ion implantantion in semiconductor, Master degree, King saud University, Riyadh, Saudi Arabia,2000.
14. Structure of regions in solid state, Bachelor degree graduate research project, college of education, Al-medinah Al-munawarah, Saudi Arabia,1991.

***Reference:***

1. Professor David Keeble, Division of electronic engineering and Physics, Dundee, Scotland, UK.

2. Professor Graham Smith, Division of Physics, St Andrews University, St Andrews, Scotland, UK.

3. Associated Professor Adel Hasibe, Division of physics and astronomy, King Saudi University, Riyadh, Saudi Arabia.

4. Associated Professor Saleh Alamrei, Division of Physics, Taibah University, Medinah, Saudi Arabia.

5. Assistant professor Abdul- alaziz al-sarany, vice of director of Taibah University, Taibah University, Saudi Arabia.

6. Assistant professor Abdul- AL-ghani Al-harbi, Dean of faculty of science, Taibah University, Saudi Arabia.

7. Associated Professor Osama Al-an, Division of Physics, King saud University, Riyadh, Saudi Arabia.

8. Assistant Professor Afaf, Division of Physics, college of education, Taibah University, Medinah, Saudi Arabia.