CURRICULUM VITAE

Name: Dr. Khuram Ali
Current Position: Associate Professor (Physics)
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[A] ACADEMIC QUALIFICATION

No.	Qualification	Field of Study	Awarding Institution/Country	Year
1.	B.Sc.	Math A, B & Physics	University of the Punjab	2004
2.	M.Sc.	Physics	University of Agri. Faisalabad	2007
3.	M.Phil.	Physics	University of Agri. Faisalabad	2009
4.	Ph.D.	Solid State Physics	University Sains Malaysia	2015

[B] WORK EXPERIENCE

No.	Name & Address of Employer	Position	Duration of Service	
			From	To
1.	Department of Physics, University of Agriculture Faisalabad, 38000 Pakistan	Assistant Professor	2015	2021
2.	Department of Physics, University of Agriculture Faisalabad, 38000 Pakistan	Associate Professor	2021	Present

[C] TEACHING EXPERIENCES:

No.	Subjects	Level of Studies				
		Post-Graduate		Bachelor	Diploma	Subject Name
		PhD	Master			
1.	PY-301			✓		Applied Physics
2.	PY-401			✓		Renewable Energy Resources
3.	PY-404			✓		Physics Lab-I
4.	PY-405			✓		Circuit Theory
5.	PY-406			✓		Optics
6.	PY-502			✓		Environmental Physics
7.	PY-505			✓		Electronics-I
8.	PY-604		✓			Nuclear Physics
9.	PY-607		✓			Mechanics and Optics (Laboratory Course-I)
10.	PY-608		✓			Modern Physics (Laboratory Course-II)
11.	PY-614			✓		Physics of Solar Cells
12.	PY-706	✓				Methods and Techniques of Experimental Physics
13.	PY-708		✓			Materials Science
14.	PY-711	✓				Instrumentation and Advanced Analytical Techniques
15.	PY-715	✓				Advances in Optoelectronic Devices

[D] RESEARCH PROJECTS

No.	Title of Research (Grant No)	Amount	Awarded by	Year/Duration	Role

		Received (RM)			
1	Post Graduate Research Grant Scheme (1001/PFIZIK/845015)	7000 (RM)	USM, Malaysia Postgraduate Research Grant Scheme 2012	3 YEAR	PI
2	Fabrication and Process Optimization for Low Cost C-Si Solar Cells (21-811/SRGP/R&D/HEC/2016)	455000/- (PKR)	HEC, Pakistan Research Grant 2016	1 YEAR	PI
3	Enhancement of Radiation Resistant Properties of N^+-P-P^+ Silicon Solar Cells (8615/Punjab/NRPU/R&D/HEC/2017)	3603916/- (PKR)	HEC, Pakistan Research Grant 2019	3 YEAR	PI
4	Mineralization of inorganic nanomaterials into ferritin proteins 6411/Punjab/NRPU/R&D/HEC/2016	4061478/- (PKR)	HEC, Pakistan Research Grant 2017	3 YEAR	Co-PI

[E] PUBLICATIONS

1.	**K. Ali**, S.A. Khan, M.Z. MatJafri. (2012). Low cost anisotropic etching of monocrystalline Si (100): Optimization using response surface methodology, *Micro and Nanostructures*. 52: 782-792. **(I.F. 3.1)**
2.	**K. Ali**, S.A. Khan, M.Z. MatJafri. (2012) Spin-on doping (SOD) and diffusion temperature effect on recombinations/ideality factor for solar cell applications, *Chalcogenide Letters*. 11: 457-463. **(I.F. 0.8)**
3.	**K. Ali**, S.A. Khan, M.Z. MatJafri. (2013) ^{60}Co γ-irradiation effects on electrical characteristics of monocrystalline silicon solar cell, *International Journal of Electrochemical Science*. 8: 7831-7841. **(I.F. 1.5)**
4.	**K. Ali**, S.A. Khan, M.Z. MatJafri. (2013) Process optimization of doping conditions for (100) P-type monocrystaline silicon solar cell using response surface methodology, *Journal of Photonics for Energy*. 3: 032099. **(I.F. 1.5)**
5.	A. Iqbal, **K. Ali**. (2013). Formulating the effects of concentration (x) and calcination temperature on the synthesis of $Mn_{1-x}Zn_xFe_2O_4$ by using response surface methodology, *Journal of Asian Ceramic Societies* 1: 333–338. **(I.F. 2.3)**
6.	**K. Ali**, S.A. Khan, M.Z. MatJafri. (2014) Effect of double layer (SiO_2/TiO_2) anti- reflective coating on silicon solar cells, *International Journal of Electrochemical Science*. 9: 7865-7874. **(I.F. 1.5)**
7.	**K. Ali**, S.A. Khan, M.Z. MatJafri. (2014) Enhancement of silicon solar cell efficiency by using back surface field in comparison of different antireflective coatings, *Solar Energy*. 101:1-7. **(I.F. 6.7)**
8.	**K. Ali**, S.A. Khan, M.Z. MatJafri. (2014) Structural and optical properties of ITO/TiO_2 anti-reflective films for solar cell applications, *Nanoscale Research Letters*. 9:175. **(I.F. 5.5)**
9.	**K. Ali**, S.A. Khan, M.Z. MatJafri. (2015) Low temperature nanocrystalline silicon nitride film grown on silicon (111) by RF sputtering system, *Optik-International Journal for Light and Electron Optics*. 126: 596-598. **(I.F. 2.4)**
10.	**K. Ali**, S.A. Khan, M.Z. MatJafri. (2016) TCAD design of silicon solar cells in comparison of antireflection coatings and back surface field, *Optik*. 127: 7492-7497. **(I.F. 3.1)**
11.	**K. Ali**, S.A. Khan, M.Z. MatJafri. (2016) Improved radiation resistant properties of electron irradiated c-Si solar cells. *Radiation Physics and Chemistry*. 125: 220-226. **(I.F. 2.7)**
12.	S.A. Khan, H. Rasheed, **K. Ali**. (2017) Quasimolecular nuclear potential and its application to ^{12}C+ ^{16}O reaction near and above the Coulomb barrier, *International Journal of Modern Physics E*. 1750029. **(I.F. 1.0)**
13.	M.S. Shah, **K. Ali**, I. Ali, A. Mahmood, S.M. Ramay, M.T. Farid. (2018) Structural and magnetic properties of praseodymium substituted barium-based spinel ferrites, *Materials Research Bulletin*. 77-82. **(I.F. 5.4)**
14.	K. Bibi, I. Ali, M.T. Farid, A. Mahmood, S.M. Ramay, **K. Ali**. (2018) Electric and dielectric properties of ytterbium substituted spinel ferrites, *Journal of Materials Science: Materials in Electronics* 29:3744–3750. **(I.F. 2.7)**
15.	B. Aziz, A. Shakoor, A.K. Qureshi, **K. Ali**, N.A. Niaz, M.T. Farid, I. Ali. (2018) Structural, Electrical, and Magnetic Properties of Ferrite–Polymer Composites, *Journal of Electronic Materials*. 47:6437-6442. **(I.F. 2.0)**
16.	N.A. Shad, M.M. Sajid, A. Haq, N. Amin, Z. Imran, H. Anwar, **K. Ali**, Z. Hussain, A. Younus, Y. Javed. (2019) Photocatalytic Investigation of Cadmium Oxide Nanosheets Prepared by Hydrothermal Method, *Arabian Journal for Science and Engineering*. 44:6669–6675. **(I.F. 2.8)**
17.	H. Shakeel, H.M. Khan, I. Ali, **K. Ali**, M.A. Iqbal, G. Murtaza, M.U. Islam, M.N. Ashiq, M. Nadeem, I. Sadiq. (2019) Structural, magnetic and electrical study of rare earth doped Y- type hexaferrites, *Journal of Materials Science: Materials in Electronics*. 30: 6708–6717. **(I.F. 2.8)**
18.	**K. Ali**, Z. Tariq, H.M. Khan, Y. Javed, M. Sultan, I.A. Ahmad M. Anmol, M. Usman, M.H. Jameel, M. Sajjad, A. Ali (2019) Analysis of Non-Uniform Doping in Silicon Solar Cell and Optimization Using PC1D, *Journal of Ovonic Research* 15: 215-220. **(I.F. 0.8)**
19.	S. Altaf, **K. Ali**, H.M. Khan, K. Sardar, K. Kamran, M.A. Raza. (2019) Low Temperature Synthesis and Characterization of Bismuth Ferrite ($Bi_2Fe_4O_9$) Nanoparticles by Using Hydrothermal Method, *Digest Journal of Nanomaterials and Biostructures*. 14: 727-733. **(I.F. 0.8)**
20.	S.A. Khan, J.A. Siddiqui, K. Ali. (2020) Modified projection operator methods and potential applied to light ions, *Nuclear Physics A*. 994: 121656. **(I.F. 1.4)**

21.	K. Sardar, **K. Ali**, S. Altaf, M. Sajjad, B. Saleem, L. Akbar, A. Sattar, Z. Ali, S. Ahmad, U. Elahi, E.U. Haq, A. Younus. (2020). Enhanced Structural and Optical Properties of Bismuth Ferrite ($BiFeO_3$) Nanoparticles, *Digest Journal of Nanomaterials and Biostructures*. 15: 51-57. **(I.F. 0.8)**
22.	L. Akbar, **K. Ali**, M. Sajjad, A. Sattar, B. Saleem, U. Amjad, A. Rizwan, S. Sehar, W. Akram, M. Tahir, M. Usama. (2020). Enhancement in Optical Properties of Cobalt Doped TiO_2 Nanoparticles, *Digest Journal of Nanomaterials and Biostructures*. 15: 329-335. **(I.F. 0.8)**
23.	H.M Khan, I. Sadiq, **K. Ali**, M. Mirza, S.A. Buzdar, Z. Batool, M. Zahid, M. Nadeem, Aziz ur Rehman and M.U. Islam. (2020). Effect of binary mixture of Nd–Zn ions on the electrical, structural and dielectric behavior of calcium-barium M-type hexaferrite nanoparticles, *Indian Journal of Physics*. 96: 871-879. **(I.F. 1.6)**
24.	**K. Ali**, H.M. Khan, M. Anmol, I.A. Ahmad, W.A. Farooq, B.A. Al-Asbahi, S.M. Qaid, H.M. Ghaithan. (2020). Effect of surface recombination velocity (SRV) on the efficiency of silicon solar cell, *Journal of Optoelectronics and Advanced Materials.* 22: 251-255. **(I.F. 0.5)**
25.	A. Sattar, **K. Ali** , M. Sajjad, M.Z. Shoukat, U. Ishtiaq, S.U. Rehman, A. Rizwan, A. Suhale, K. Arshad, C.M. Nouman, A.B. Mujahid, M. Syam, M.M. Joiya. (2020). Enhanced structural and optical properties of ZnO nano-particles under different substitutions synthesized by co-precipitation technique, *Journal of Ovonic Research*. 16: 217-227. **(I.F. 0.8)**
26.	M. Sajjad, **K. Ali**, Y. Javed, A. Sattar, L. Akbar, A. Nawaz, M.Z. Rashid, K. Rasool, M. Alzaid. (2020). Detailed analysis of structural and optical properties of spinel cobalt doped magnesium zinc ferrites under different substitutions, *Journal of Materials Science: Materials in Electronics.* 31: 21779–21791. **(I.F. 2.8)**
27.	M. Alzaid, M. Sajjad, **K. Ali**, Y. Jamil, L. Akbar, A. Sattar, A. Rizwan, A. Suhale, H. Ahmad, C.M. Nouman, M.U. Ghani, A. Umair. (2020). Enhanced structural and optical properties of copper oxide for solar cell applications, *Journal of Ovonic Research*. 16: 405 – 412. **(I.F. 0.8)**
28.	M. Sajjad, S. Aslam, **K. Ali**, Yasir Jamil, A. Sattar et. Al. (2021). Enhanced Structural and Optical Properties of Mn-doped $BiFeO_3$ Nanoparticles at Different Substitutions, Journal of Optoelectronics and Advanced Materials. 23: 199-206. **(I.F. 0.5)**
29.	M. Zahid, H.M. Khan, I. Sadiq, **K. Ali**, M. Mirza, M.U. Islam, S.A. Buzdar, A. Rehman. (2021). Enhanced structural and Dielectric properties of calcium and chromium based M type hexagonal ferrites. Journal of Materials Science: Materials in Electronics. 32: 9183–9193. **(I.F. 2.8)**
30.	W.A. Farooq, M. Atif, A. Fatehmulla, I.S. Yahia, M.S. AlSalhi, M. Fakhar-e-Alam, S.M. Ali, **K. Ali**, T. Munir, M.A. Manthrammel. (2020). Photovoltaic and capacitance measurements of solar cells comprise of Al-doped CdS (QD) and hierarchical flower-like TiO_2 nanostructured electrode, *Results in Physics*. 16: 102827. **(I.F. 5.3)**
31.	**K. Ali**, Z. Ali. (2021). Analytical study of electrical performance of SiGe-based n+-p-p+ solar cells with BaSi2 BSF structure. Solar Energy. 225: 91-96. **(I.F. 6.7)**
32.	S. Maqsood, **K. Ali**, Z. Ali, & I. Iqbal. (2022). Impact of Amorphous and Crystalline Tungsten Trioxide (WO3) Thin Films as an Antireflection Material for Silicon (c-Si) Solar Cells. *Journal of Electronic Materials*, 1-12. **(I.F. 2.2)**
33.	M. Faheem, S. Riaz, Y. Javed, H. Aziz, M. Ashraf, A. Younus**, K. Ali**. (2022). Rapid Single-Step Synthesis and Crystal Structure Analysis of Cu: ZnO Photocatalyst for Efficient Degradation of Reactive Dyes Under UV–Visible Light Irradiation. *Arabian Journal for Science and Engineering*, 1-17. **(I.F. 2.6)**
34.	Z. Ali, **K. Ali**, B. Hussain, S. Maqsood, I. Iqbal. (2022). Towards the enhanced efficiency of ultrathin Sb2Se3 based solar cell with cubic silicon carbide (3C–SiC) buffer layer. *Optical Materials*, *128*, 112358. **(I.F. 3.9)**
35.	Z. Ali, and **K. Ali**. (2022). Nonreciprocal wave transmission through discrete complex saturable Ginzburg–Landau dimer. *The European Physical Journal Plus*, *137*(1), 1-9. **(I.F. 2.8)**
36.	S.M. Abed, S.M. Mohammad, Z. Hassan, A. Muhammad, S. Rajamanickam, **K. Ali**. (2022). Comparative study of UV-ZnO NRs photodetectors based on seeded porous silicon by RF-sputtering and drop-casting methods. *Journal of Materials Science: Materials in Electronics*, *33*(35), 26322-26342. **(I.F. 2.8)**
37.	R. Munir, **K. Ali**, S.A.Z. Naqvi, M.A. Maqsood, M.Z. Bashir, S. Noreen. (2023). Biosynthesis of Leucaena Leucocephala leaf mediated ZnO, CuO, MnO2, and MgO based nano-adsorbents for Reactive Golden Yellow-145 (RY-145) and Direct Red-31 (DR-31) dye removal from textile wastewater to reuse in agricultural purpose. *Separation and Purification Technology*, *306*, 122527. **(I.F. 8.6)**
38.	R. Munir, **K. Ali**, S.A.Z. Naqvi et. Al. (2023). Green Metal Oxides Coated Biochar Nanocomposites Preparation and Its Utilization In Vertical Flow Constructed Wetlands For Reactive Dye Removal: Performance And Kinetics Studies. Journal of Contaminant Hydrology, 256, 104167. **(I.F. 3.6)**
39.	U. Shafqaat, R. Munir, **K. Ali**, M. Ahsan et. Al. (2023). Synthesis of Metal Hydroxyapatite Nanoparticles and Their Application, Behavior, and Mechanism in the Removal of Cationic Dye Red 3R from Aqueous Media. *Water, Air, & Soil Pollution*, 234:185. **(I.F. 2.9)**
40.	S. Gillani, R. Munir, **K. Ali**, M.Z. Bashir et. Al. (2023). Synthesis of green magnetic hybrid adsorbents and their application for reactive red methyl 4 BL dye removal. *Clean Technologies and Environmental Policy*. 145. **(I.F. 4.3)**
41.	S. Rehman, N.A. Shad, M.M. Sajid, K. Ali, Y. Javed et. Al. (2023). Tuning Structural and Optical Properties of Copper Oxide Nanomaterials by Thermal Heating and Its Effect on Photocatalytic Degradation of Congo Red Dy. *Iran. J. Chem. Chem. Eng.* 41:5. **(I.F. 1.9)**
42.	S. Maqsood, Z. Ali, **K. Ali**, M. Ishaq et. Al. (2023). Assessment of different optimized anti-reflection coatings for ZnO/Si heterojunction solar cells. *Ceramics International*. **(I.F. 5.2)**
43.	S. Maqsood, **K. Ali**, et. Al. (2023). Optimization of CdS free non-toxic electron transport layer for Sb2S3 based solar cell with notable enhanced performance. *Journal of Computational Electronics*. **(I.F. 2.2)**

44.	M. Tahir, M. Sajid, S.A. Bakar, **K. Ali**. (2024). Cs+ substituted $SrZnFe_2O_4$ nanoparticles: analysis of structural, morphological and electrical behavior. *Journal of Materials Science: Materials in Electronics* 35:465 **(I.F. 2.8)**
45.	S. Maqsood, M. Ishaq, Z. Ali, **K. Ali**, B. Hussain. (2024). Optimization of hydrophobic anti-reflection calcium fluoride films for ZnO/GaAs heterojunction solar cell: a simulation study. Indian Journal of Physics. **(I.F. 1.6)**
46.	M. Sajid, **K. Ali**, H.S. Shah, A. Shahid, S.A. Bakar, M. Yousaf, S.L. Lee. (2024). Boosting solar cell performance: optimization of WS2 absorber with Cu_2O HTL & ZnSe ETL using SCAPS-1D simulation. *Indian Journal of Physics* **(I.F. 1.6)**
47.	R.N. Safitri, A.B. Suriani, Y.Z.N. Htwe, W.S.B. Dwandaru, V.V. Kumar, **K. Ali**, M.H.D. Othman, S.M. Alluqmani, M.N. Azlan, and M.H. Mamat. (2024). Recent development of electrochemically exfoliated graphene and its hybrid conductive inks for printed electronics applications. *Synthetic Metals*. **(I.F. 4.0)**
48.	T. Iqbal, M. Sajid, B. F. Felemban, H.T. Ali, A.B. Suriani, **K. Ali**. (2025). Computational investigation of charge transfer mechanisms in dye-sensitized solar cells: unraveling the influence of anchoring groups in 2-styryl-5-phenylazo-pyrrole designed dyes. Journal of Ovonic Research. **(I.F. 0.9)**
49.	F Rehman, M Sajid, H S Batool, **K Ali**, E Fatima, S A Bakar, Y Javed. (2025). Developing small molecule-based donor materials for organic solar cells: a DFT/TD-DFT insight. Indian Journal of Physics. **(I.F. 1.6)**

[F] BOOK

Title of book	Editors	ISBN	Publication Year	Publisher
Solar Cells: from Materials to Device Technology	Dr. Surender Kumar Sharma Dr. Khuram Ali	978-3-030-36354-3	2020	Springer International

[G] BOOK CHAPTERS

No.	Title of book	Title of Chapter	Authors	Page
1.	Complex Magnetic Nanostructures: Synthesis, Assembly and Applications-2017	Size and Shape Control Synthesis of Iron Oxide–Based Nanoparticles: Current Status and Future Possibility	Khuram Ali, Yasir Javed, and Yasir Jamil.	39-81
2.	Complex Magnetic Nanostructures: Synthesis, Assembly and Applications-2017	Magnetic Nanoparticle-Based Hyperthermia for Cancer Treatment: Factors Affecting Heat Generation Efficiency	Yasir Javed, Khuram Ali, and Yasir Jamil	1399
3.	Handbook of Ecomaterials-2018	Radiation-Resistant Solar Cells: Recent Updates and Future Prospective	Khuram Ali, Yasir Javed	1-26
4.	Handbook of Materials Characterization-2018	TEM for Atomic-Scale Study: Fundamental, Instrumentation, and Applications in Nanotechnology	Yasir Javed, Khuram Ali, Kanwal Akhtar, Jawaria, M. Irfan Hussain, Gulzar Ahmad, Taskeen Arif	147-216
5.	Hybrid Nanocomposites, Fundamentals, Synthesis, and Applications-2019	Processing of Nanocomposite Solar Cells in Optical Applications	Khuram Ali, Yasir Javed	367-388
6.	Nanohybrids in Environmental & Biomedical Applications-2019	TiO_2-Based Nanohybrids for Energy and Environmental Applications	Khuram Ali, Syedda Shaher Bano, Yasir Javed.	169-188
7.	Nanohybrids in Environmental & Biomedical Applications-2019	Solid-Lipid Hybrid Nanostructures and Their Biomedical Applications	Kanwal Akhtar, Yasir Javed, Hafeez Anwar, Khuram Ali, and Naveed A. Shad	115-140
8.	Solar Cells from Materials to Device Technology-2020	Synthesis and Processing of Nanomaterials	Muhammad Yasin Naz, Shazia Shukrullah, Abdul Ghaffar, Khuram Ali and S. K. Sharma	1-23
9.	Solar Cells from Materials to Device Technology-2020	Perspective of Nanomaterials in the Performance of Solar Cells	Hafiz Muhammad Asif Javed, Wenxiu Que, Muhammad Raza Ahmad, Khuram Ali, M. Irfan Ahmad, Anam ul Haq and S. K. Sharma	25-54
10.	Solar Cells from Materials to Device Technology-2020	Materials for Solar Cell Applications: An Overview of TiO_2, ZnO, Upconverting Organic and Polymer-Based Solar	Navadeep Shrivastava, Helliomar Barbosa, Khuram Ali and S. K. Sharma	55-78

		Cells		
11.	Solar Cells from Materials to Device Technology-2020	Photovoltaic-Based Nanomaterials: Synthesis and Characterization	Kanwal Akhtar, Naveed Akhtar Shad, M. Munir Sajid, Yasir Javed, Muhammad Asif, Khuram Ali, Hafeez Anwar, Yasir Jamil and S. K. Sharma	139-158
12.	Solar Cells from Materials to Device Technology-2020	Carbon Nanotubes: Synthesis and Application in Solar Cells	Shazia Shukrullah, Muhammad Yasin Naz, Khuram Ali and S. K. Sharma	159-184
13.	Solar Cells from Materials to Device Technology-2020	Quantum Dot Solar Cells	Hafeez Anwar, Iram Arif, Uswa Javeed, Huma Mushtaq, Khuram Ali and S. K. Sharma	235-258
14.	Solar Cells from Materials to Device Technology-2020	Solar Cells and Optoelectronic Devices in Space	Khuram Ali, Syedda Shaher Bano, Hasan M. Khan and S. K. Sharma	307-323
15.	Solar Cells from Materials to Device Technology-2020	Multi-junction (III–V) Solar Cells: From Basics to Advanced Materials Choices	Khuram Ali, Afifa Khalid, Muhammad Raza Ahmad, Hasan M. Khan, Irshad Ali and S. K. Sharma	325-350
16.	Magnetic Nanoheterostructures-2020	Manganite Pervoskite Nanoparticles: Synthesis, Heating Mechanism, Toxicity, and Self-regulated Hyperthermia	Navadeep Shrivastava, Yasir Javed, Khuram Ali, Muhammad Raza Ahmad, Kanwal Akhtar, S. K. Sharma	357-381

[H] JOURNAL REVIEWER

1. Heliyon (IF=4.0)
2. RSC Advances (IF=3.9)
3. International Journal of Energy Research (IF=5.1)
4. Journal of Materials Science: Materials in Electronics (IF=2.8)
5. Applied Physics A (IF=2.5)
6. Indian Journal of Physics (IF=1.6)
7. Physica E: Low-dimensional Systems and Nanostructures (IF=1.9)
8. Journal of Materials Science: Materials in Electronics (IF=2.32)
9. Journal of Nano-Structures & Nano-Objects (Scopus)
10. Journal of RSC Advances (IF=2.93)
11. Malaysian Journal of Science (Scopus)

[I] RESEARCH COMMITTEE MEMBER

1. Organizing Committee-A reference management tool, UAF 2016
2. Member of combined working groups of "Physics & Chemistry" for nanotechnology and organic solar cells (2016-present)
3. Organizing Committee-Nanotechnology: Recent Trends and Future Prospects, UAF (2016).
4. Organizing Committee-Emerging Trends in Applied Physics, UAF (2017).
5. Organizing Committee-New Frontiers in Experimental and Theoretical Physics, UAF (2018).
6. Organizing Committee-New Frontiers in Physics, UAF 2018.
7. Organizing Secretary-International symposium on energy system (SES), UAF, UPM, UTP (2019)
8. Organizing Committee-Recent Developments in Space Exploration, UAF 2019.

[L] CONFERENCE/SEMINAR/WORKSHOP/EXHIBITION/PRESENTATION

1. International workshop on *Renewable Energy Technologies for Community Development in Pakistan* from 04-06 November 2015 in University of Agriculture Faisalabad.
2. International workshop on Biomass Gasification to Power Generation on 25th July 2016 University of Agriculture Faisalabad.
3. Workshop on *Holding Effective Seminars: Engaging the Audience* on 12th January 2016 in University of Agriculture Faisalabad.

4. Seminar on *Latest Development in the Field of Instruments* on 31st May 2016 in University of Agriculture Faisalabad.
5. International workshop on *Sustainable Energy Solutions* from 08-09 November 2016 in University of Agriculture Faisalabad.
6. Poster presentation in 14th National Symposium on Frontiers in Physics from 23-25 November 2016 in GC University Lahore.
7. Oral presentation in a workshop on Solar System Installation and Applications from 24-25 February 2017 in University of Agriculture Faisalabad.
8. Workshop on *Statistical Methods for Researchers using R* from 09-11 August 2017 in University of Agriculture Faisalabad.
9. International Conference on Mathematics and Physics from 14-16 February in Air University, Islamabad.
10. International symposium on Modern Trends in Physics on 18th April 2018 in Government College University Faisalabad.
11. Workshop on Communicating Science to Society on May 2018 in University of Agriculture Faisalabad.
12. International Workshop on *Hybrid Perovskite Photovoltaic and Optoelectronic Devices* from 08-10 October 2018 in National Centre for Physics, Islamabad.
13. *Workshop for Physics Teachers on Selected Topics in Mechanics* on 27th December 2018 in Lahore University of Management Sciences, Lahore.
14. International Workshop on *Tracking Detectors in High Energy Physics* from 15-19 October 2018 in National Centre for Physics, Islamabad.
15. Poster presentation in *international school on Physics and Allied Disciplines* from 11-15 March 2019 in National Centre for Physics, Islamabad.
16. International Conference on Plasma Science And Allied Technologies (PSAT-2024) from 09-10 May 2024 held at Government College University, Faisalabad.

[N] NON-TEACHING WORK

No.	Description	Year
1.	**Secretary** "Board of Studies" Department of Physics	2015-present
4.	Got **2nd position** among hostel competitions and got Certificate of Honor by Vice Chancellor.	2017
5.	Appointed as **Tutor**	2018
6.	Appointed as **member faculty board**, Faculty of Sciences.	2018-19

References

1. Dr. Sohail Aziz Khan
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