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| **CV** | |  | | | | |  | |
| **Title** | **Dr.** | **Name (English)** | **Mujeeb** | **Khan** |  | |  |  |
| **PO Box** | **2455** | **City** | **Riyadh** | **Postal Code** | **11451** | | **Country** | **KSA** |
| **Telephone No.**  **(Home)** | **011-2926974** | | | **Telephone No. (Office)** | **011-4675985** | | | |
| **Fax No.** |  | | | **Mobile No.** | **0500378745** | | | |
| **E-mail (1)** | **kmujeeb@ksu.edu.sa** | | | **E-mail (2)** | **Khanmujeeb.as@gmail.com** | | | |
| **Institute/**  **University** | **King Saud University** | | **College/**  **Directorate** | **College of Science** | | **Department** | | **Chemistry** |
| **Nationality** | **Indian** | | **Date of Birth** | **24-03-1979** | | **Country of Birth** | | **India** |
| **Languages** | **English, Urdu, German, Hindi,** | | | | | | | |
|  | | | | | | | | |
| **Highest Degree** | **Ph. D** | | **Date of Graduation** | **October 2008** | | | | |
| **University** | **Johannes Gutenberg University of Mainz,** | | **Country** | **Germany** | | | | |
| **Academic Title** | **Assistant Professor** | | **Others**  **(Specify)** | 1. | | | | |
| 2. | | | | |
| **Major field** | **Nanotechnology** | | **Specialization field** | **Material Science and Catalysis** | | | | |
|  | | | | | | | | |
| **Current Research Interests(English)** | | | | | | | | |
| Interested in the synthesis and in-depth structural and physical characterization as well as the design and potential applications of new nanomaterials, especially metallic nanoparticles and graphene with a variety of chemical, physical, or electronic properties. Special focus of the studies is to gain the deeper understanding of synthesis/structure relationships and structure/function relationships. Another goal of the research is to prepare custom made nanomaterials, focusing on the enhancement of their catalytic properties and applied these materials for various catalytic organic transformations. | | | | | | | | |
| **Any additional information to be added** | | | | | | | | |
| LIST OF PUBLICATIONS (Total 17, including published and under process):  1. **M. Khan**, G. Brunklaus, V. Enkelmann, H. W. Spies, ***J. Am. Chem. Soc.,*** 2008, 130, 1741-1748. Transient States in [2 + 2] Photodimerization of Cinnamic Acid: Correlation of Solid-State NMR and X-ray Analysis.  2. **M. Khan**, V. Enkelmann, G. Brunklaus **. *J. Org. Chem*.,** (featured article) 2009, 74(6), 2261-2270. SS-NMR and X-ray Analysis of Structural Transformations in O-H•••N Heterosynthons Formed by H-Bond-Mediated Molecular Recognition.  3. **M. Khan**, V. Enkelmann, G. Brunklaus. ***Cryst. Growth & Des*.,** 2009, 9, 2354-2362. O-H• N synthon: A Robust Supramolecular Unit for Crystal Engineering.  4. **M. Khan**, V. Enkelmann, G. Brunklaus. ***CrystEngComm*.,** 2009, 11, 1001-1005. Probing atomic level structural transformation in crystal of O–H••N synthon.  5. **M. Khan**, V.Enkelmann, G. Brunklaus. ***J. Am. Chem. Soc*.,** 2010, 132, 5254-5263. Crystal Engineering of Pharmaceutical Co-crystals: Application of Methyl Paraben as Molecular Hook”    6. **M. Khan**, V.Enkelmann, G. Brunklaus. ***CrystEngComm****,* 2011, 13, 3213-3223. Heterosynthon mediated tailored synthesis of pharmaceutical complexes: a solid-state NMR approach.  7. **M. Khan**, M. Khan, S. F. Adil, M. N. Tahir, W. Tremel, H. Z. Khatlan, A. Al-warthan, M. R. H. Siddique, ***Int. J. Nanomed*.,** 2013, 8, 1507-1516. Green synthesis of silver nanoparticles mediated by pulicaria glutinosa plant extract  8. S. F. Adil, M. E. Assal, **M. Khan**, A. Al-Warthan, M. Rafiq H. Siddiqui. ***Oxidation* *Communications***, *2013*, 36, 778–791. Nano silver-doped manganese oxide as catalyst for oxidation of benzyl alcohol and its derivatives:synthesis, characterisation, thermal study and evaluation of catalytic properties.  9. **M. Khan**, M. Khan, M. Kuniyil, S. F. Adil, A. Al-Warthan, H. Z. Alkhathlan, W. Tremel, M. R. H. Siddiqui, M. N. Tahir. ***Dalton Trans*.,** 2014, 43, 9026-9031. Biogenic Synthesis of Palladium Nanoparticles Using Plucaria Glutinosa Plant Extract and Their Catalytic Activity towards Suzuki Coupling Reaction  10. S. F. Adil, M. E. Assal, **M. Khan**, A. Alwarthan, M. R. H. Siddiqui. ***Arabian J. Chem*..,** 2014, 7, 1192. Gold & Silver Nanoparticles Supported on Manganese Oxide: Synthesis, Characterization and Catalytic Studies for Selective Oxidation of Benzyl Alcohol.  11. **M. Khan**, S.T. Khan, M. Khan, S. F. Adil, J. Musarrat, A. A. Alkhedhairy, A. Al-Warthan, M. R. H.Siddiqui, H. Z. Alkhathlan. ***Int. J. Nanomed***., 2014, 9, 3551-3561. Anti-Bacterial Properties of Silver Nanoparticles Synthesized Using Pulicaria glutinosa Plant Extract as Green Bio-reductant  12. **M. Khan**, A. H. Al-Marri, M. Khan, S. F. Adil, A. Al-Warthan, H. Z. Alkhathlan, W. Tremel, M. R. H. Siddiqui, M. N. Tahir. ***RSC Adv*.,** 2014, 4, 24119-24125. Pulicaria Glutinosa Plant Extract: A Green and Eco-Friendly Reducing Agent for the Preparation of Highly Reduced Graphene Oxide.  13. A. H. Al-Marri, **M. Khan**, M. Khan, S. F. Adil, A. Al-Warthan, H. Z. Alkhathlan, W. Tremel, [J. P. Labis](http://www.sciencedirect.com/science/article/pii/S0021979712003888), M. N. Tahir, M. R. H. Siddiqui. ***Int. J. Mol. Sci.,*** 16, 2015, 1131. P. Glutinosa Extract: A Toolbox to synthesize highly reduced graphene oxide-silver nanocomposites for efficient surface-enhanced Raman scattering.  14. S. F. Adil, M. E. Assal, **M. Khan**, A. Al-Warthan, M. R. H. Siddiqui, L. M. Liz-Marzán, ***Dlaton Trans*.,** 44, 2015, 9709. Biogenic synthesis of metallic nanoparticles and prospects toward green chemistry.  15. S. F. Adil, S. Alabbad, **M. Khan**, A. Alwarthan, N. Mohri, W. Tremel, M. N. Tahir, M R. H Siddiqui. ***Nanoscale Res. Lett.*** 10, 2015, 52. Nano Vanadia Supported Nickel Manganese Oxide: Synthesis, Characterization and Evaluation as Oxidation Catalyst for Aromatic Alcohols.  16**. M. Khan,** A. H. Al-Marri, M. Khan, M. R. Shaik, N. Mohri, S. F. Adil, M. Kuniyil, H. Z Alkhathlan, A. Al-Warthan, W. Tremel, M. N. Tahir and M. R. H Siddiqui. ***Nanoscale Res. Lett*.** 10, 2015, 281. Green Approach for the Effective Reduction of Graphene Oxide Using Salvadora persica L. Root (Miswak) Extract.  17. S.S.P. Sultana, D.H.V. Kishore, M. Kuniyil, **M. Khan,** A. Alwarthan, K.R.S. Prasad, J. P. Labis, S. F. Adil. ***Arab. J. Chem.,*** 8, 2015, 766. Ceria doped mixed metal oxide nanoparticles as oxidation catalysts: Synthesis and their characterization.  18. D. Ali, H. Ali, S. Alarifi, S. Kumar, M. Serajuddin, A. P. Mashih, M. Ahmed, **M. Khan**. S. F. Adil, M. R. Shaik, A. A. Ansari. ***Arch. Environ. Contam. Toxicol.,*** 2015, 68, 543. Impairment of DNA in a Freshwater Gastropod (Lymnea luteola L.) After Exposure to Titanium Dioxide Nanoparticles.    19. A. M. Elgorban, A. El-Rahim M. El-Samawaty, M. A. Yassin, S. R. Sayed, S. F. Adil, K. M. Elhind, M. Bakri and **M. Khan.** ***BIOTECHNOl & BIOTECHNOLOGICAL EQUIP.,*** 2015, DOI: 10.1080/13102818.2015.1106339. Antifungal silver nanoparticles: synthesis, characterization and biological evaluation.  20. **M. Khan**, M. N. Tahir, S. F. Adil, H. U. Khan, M. R. H. Siddiqui, A. A. Al-warthan, W. Tremel. ***J. Mater. Chem. A.,*** 2015, 3, 18753. Graphene based metal and metal oxidenanocomposites: synthesis, properties and their applications.  21. A. A. Mostafa, S. R. M. Sayed, E. N. Solkamy, **M. Khan**, M. R. Shaik, A. Al-Warthan, S. F Adil. ***J. Nanomater.,*** 2015, 789178. Evaluation of Biological Activities of Chemically Synthesized Silver Nanoparticles.  22. M. Khan, **M. Khan**, A. H. Al-Marri, A. Al-Warthan, H. Z Alkhathlan, M. R. H. Siddiqui, V. L. Nayak, A. Kamal, S. F. Adil. ***Int. J. Nanomed.,*** 2016, 1, 873. Apoptosis inducing ability of silver decorated highly reduced graphene oxide nanocomposites in A549 lung cancer.  23. M. R. Shaik, M. Kuniyil, **M. Khan,** N. Ahmad, A. Al-Warthan, M. R. H. Siddiqui, S. F. Adil\*. ***Molecules***, 2016, 21, 292. Modified Polyacrylic Acid-Zinc Composites: Synthesis, Characterization and Biological Activity.  24. A. H. Al-Marri, M. Khan, M. R. Shaik, N. Mohri, S. F. Adil, M. Kuniyil, H. Z. Alkhathlan, A. Al-Warthan, W. Tremel, M. N Tahir, **M. Khan\*,** M. R. H. Siddiqui\*. ***Arab. J. Chem.,*** 2016, DOI: 10.1016/j.arabjc.2015.12.007. Green synthesis of Pd@graphene nanocomposite: Catalyst for the selective oxidation of alcohols.  25. R. Varala, V. Narayana, S. R. Kulakarni, **M. Khan,** A. Alwarthan, S. F. Adil. ***Arab. J. Chem.,*** 2016, DOI: 10.1016/j.arabjc.2016.02.015. Sulfated Tin Oxide (STO)-Structural Properties & Application in Catalysis: A Review. | | | | | | | | |

**Note**: The CV should be in English and should not exceed 5 pages.