

Faculty Name: Dr. Khurram Mehboob	
Education:	<ul style="list-style-type: none"> ➤ Post Doctorate in Nuclear Engineering – Kyung Hee University, South Korea. 2014. ➤ Doctorate Degree in Nuclear Engineering - Harbin Engineering University, Harbin, China - 2012. ➤ Master's Degree in Physics - University of the Punjab, Lahore Pakistan - 2005. ➤ Bachelor's Degree in Physics-University of the Punjab, Lahore Pakistan- 2003.
Academic experience:	<ul style="list-style-type: none"> ➤ Associated with King Abdulaziz University as Assistant Professor since 2014. ➤ Assistant Professor, Department of Nuclear Engineering, Kyung Hee University, South Korea. 2014. ➤ Assistant Professor, Department of Physics, COMSATS Institute of Information Technology, Islamabad, Pakistan. 2013 ➤ Lecturer Sarwar Shaheed (N.H) Govt College Gujarkhan Rawalpindi, Pakistan 2006-2007
Non-academic experience	<ul style="list-style-type: none"> ➤ Lab Incharge of Radiation Physics laboratory, COMSATS Institute of Information Technology, Islamabad.-2013. ➤ Group Leader of Group II in Green Nuclear Research Laboratory, Kyung Hee University, South Korea. 2013-2014
Current membership in professional organizations	<ul style="list-style-type: none"> ➤ American Society of Mechanical Engineering (ASME)
Honors and awards	<ul style="list-style-type: none"> ➤ Awarded the PhD Scholarship from China Scholarship Council, China, 2009. ➤ Awarded the Post Doc Fellowship from Kyung Hee University, 2014.
Service Activities	<ul style="list-style-type: none"> ➤ Member of Editorial board of journal “Science, Technology and Development” ➤ Member of Editorial board of journal “Research Journal of Environmental Sciences” ➤ Member of American Society of Medicinal Engineering since 2012.
Publications from the past five years	<ol style="list-style-type: none"> 1. Khurram Mehboob, Kwangheon Park, Rehan Khan., 2015. Quantification of in containment fission product activity for 1000 WMe PWR under LOCA. <i>Annals of Nuclear Energy</i>, 75, 365-376. 2. Khurram Mehboob, Cao Xinrong, 2014. <i>Parametric study of containment retention factor (CRF) for Large Dry PWR containment</i>. <i>International Journal of Nuclear Energy Science and Technology</i>, 8(4), 333-350. 3. Khurram Mehboob, Cao Xinrong, 2014, <i>U.S.NRC progress in source term evaluation</i>. <i>International Journal of Nuclear Energy Science and Technology</i>. Volume 8(1), 12-20. 4. Khurram Mehboob, Cao Xinrong. Majid Ali, Raheel Ahmed. 2013. <i>Numerical simulation of radioisotope's dependency on containment performance for large dry PWR Containment under Severe Accident</i>. <i>Nuclear Engineering and Design</i>,

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 8. **Khurram Mehboob**, Raheel Ahmed, Majid Ali, Uzma Tabassam, 2013. Thermal neutron albedo for multilithic reflectors” Annals of Nuclear Energy 62, 1-7, DOI : 10.1016/j.anucene.2013.05.041 (SCI journal)
 9. **Khurram Mehboob**, Cao Xinrong, 2013. *Mitigation of PWR in-containment iodine source term under LOCA*. International Journal of Nuclear Energy Science and Technology, 7(3), 191-208.
 10. **Khurram Mehboob**, Cao Xinrong., 2012. *Source term evaluation of a two loop PWR under hypothetical severe accidents*. Annals Of Nuclear Energy, 50, 271-284, DOI:10.1016/j.anucene.2012.07.011 (SCI journal)
 11. **Khurram Mehboob**, Cao Xinrong and Majid Ali., 2012. *Modeling and simulation of release of radiation in flow blockage accident for two loops PWR*. Research Journal Of Applied Sciences Engineering And Technology, 4(16), 2895-2903
 12. **Khurram Mehboob**, Cao Xinrong, Majid Ali., 2012. *A comprehensive review of source term analysis and experimental programs*. Research Journal Of Applied Sciences Engineering And Technology, 4(17), 3168-3181
 13. **Khurram Mehboob**, Cao Xinrong., 2012. *Evaluation of iodine source term under loss of coolant accident”* Advance Material Research Journal, Volume 482-484, Pages 1115-1119 DOI:10.4028/www.scientific.net/AMR.482-484.1115
 14. **Khurram Mehboob**, Cao Xinrong, Majid Ali, Rehan Khan 2012. *Study the effect of containment performance on iodine source term*. Applied Mechanics and Materials Journal, Volume 201-202, Pages 545-548, DOI:10.4028/www.scientific.net/AMM.201-202.545
 15. Majid Ali, Yan chengqi, sun chongning, wang jia jun and **Khurram Mehboob**, 2012. *CFD simulation of prediction of pressure drop in Venturi Scrubber*. Applied Mechanics and Materials Journal, Volume. 166-169 Pages 3008-3011, DOI: 10.4028/www.scientific.net/AMM.166-169.3008
 16. Majid Ali, Yan Chang Qi and **Khurram Mehboob**, 2012. *A Review of Performance of a Venturi Scrubber*. Research Journal of Applied Sciences, Engineering and Technology, 4(19): 3811-3818.
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