

Engr. Dr. SAJID HUSSAIN

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Objective:	Looking for a growth oriented and challenging position to utilize my skills.
Academics:	<p><i>Ph.D (Electronics),</i> NED University of Engineering and Technology, Karachi (in progress)</p> <p><i>M.Engg. (Industrial Control & Automation),</i> Usman Institute of Technology(UIT), Karachi. Humdard University, Karachi.</p> <p><i>B.E(Industrial Electronics)</i> Institute Of Industrial Electronics Engineering (IIEE), Karachi. NED University of Engineering and Technology, Karachi.</p>
Experience:	<p><u>From July 2000 to May 2010</u> Working as Lecturer in Institute of Industrial Electronics Engineering, Karachi (A unit of P.C.S.I.R. running under affiliation with the NED University of Engineering and Technology)</p> <p><u>From May 2010 to up till now</u> Working as Assistant Professor in Institute of Industrial Electronics Engineering, Karachi (A unit of P.C.S.I.R. running under affiliation with the NED University of Engineering and Technology)</p>
Published Papers	<p><i>Algorithm and Implementation of Human Following Co-Bot Using 2D LiDAR</i> Khan, Rabeea, Zeeshan Yousaf, Asif Memon, Sajid Hussain, and Abdul Muttalib. "Algorithm and Implementation of Human Following Co-Bot Using 2D LiDAR." <i>Pakistan Journal of Engineering and Technology</i> 4, no. 2 (2021): 89-93.</p> <p><i>ZnO nanostructures: comparative synthetic and characterisation studie</i> Hasany, Syed Farhan, Sajid Hussain, Syed M. Usman Ali, Wafaa Abdul-Kadhim, and Muhammad Amir. "ZnO nanostructures: comparative synthetic and characterisation studies." <i>Micro & Nano Letters</i> 15, no. 14 (2020): 972-976.</p> <p><i>Hand Motion Recognition from EMG using Artificial Neural Network</i> Aziz, Habiba, Mohsin Khan, Sajid Hussain, and Farah Haroon. "Hand Motion Recognition from EMG using Artificial Neural Network." In <i>4th International Electrical Engineering Conference</i>. 2019.</p> <p><i>FPGA based Smart Wireless MIMO Control System</i> Ali, Syed M. Usman, Sajid Hussain, Ali Akber Siddiqui, Jawad Ali Arshad, and Anjum Darakhshan. "FPGA based Smart Wireless MIMO Control System." In <i>IOP Conference Series: Materials Science and Engineering</i>, vol. 51, no. 1, p. 012018. IOP Publishing, 2013.</p> <p><i>Face recognition with local binary patterns</i> Ali, Ammad, Hussain, Sajid, Haroon, Farah "Face recognition with local binary patterns." <i>Bahria University Journal of Information & Communication Technologies (BUJICT)</i> 5, no. 1 (2012).</p>