

Dr. Beenish Sultana,
Assistant Professor,
Electrical Engineering Department,
Ned University of Engineering & Technology,
Karachi.

Contact: beenish@neduet.edu.pk

PERSONAL PARTICULARS	
Birthdate	22ndNovember 1981
Nationality	Pakistani
Marital status	Married

EDUCATION BACKGROUND		
NAME OF INSTIUTION	QUALIFIATIONS	DATE
Universiti Teknologi Malaysia	Ph.D in Electrical Engineering (power)	2017
NED University of Engineering & Technology	M.E in Electrical Engineering (Telecom)	2009
NED University of Engineering & Technology	B.E in Electrical Engineering (power)	2004

WORKING EXPERIENCES
MASCO Energy Services March 2005 - April 2006
Pakistan Navy Engineering College April 2006-April 2008
NED University of Engineering & Technology April 2008-Present

PUBLICATIONS AND AWARDS
Award and Scholarship <ol style="list-style-type: none">i. Appreciation award as a member of Academic and Social Unit in the Postgraduate Student Society Faculty of Electrical Engineering UTM (2016).ii. Ph.D scholarship from NED under Mega-3 Scheme Higher Education commission.
Publications <ol style="list-style-type: none">1. Sultana, B. and Mustafa, M.W. Grey wolf optimization algorithm for multi-objective distribution system reconfiguration considering greenhouse gas emissions and loss. Engineering Intelligent Systems. 2015. 4(0): 197-208.

2. Sultana, B., Mustafa, M.W., Sultana, U., Bhatti, A.R. Review on reliability improvement and power loss reduction in distribution system via network reconfiguration. *Renewable and Sustainable Energy Reviews*. 2016. 66(0): 297-310.
3. Beenish Sultana. Penetration of Plug-in-Hybrid Electric Vehicles via Distribution Network Reconfiguration with Improved Electric Vehicle Charging Load Model. 1st International Electrical Engineering Congress on Innovation and Advances in Electrical Engineering. 2016.
4. U. Sultana, Azhar B. Khairuddin, A.S. Mokhtar, N. Zareen and Beenish Sultana, Grey wolf optimizer based placement and sizing of multiple distributed generation in the distribution system. *Energy*. 2016. 111(0): 525-536.
5. Sultana, B. and Mustafa, M.W. Distribution system loss minimization with network reconfiguration and cost-benefit price based demand reduction modeling. *Journal of Engineering Research*. 2017. 5(1): 140-162.
6. U.Sultana, Azhar Khairuddin, A. S. Mokhtar, Sajid Hussain Qazi, Beenish Sultana. An Optimization approach for minimizing energy losses of distribution systems based on distributed generation placement. *Jurnal Teknologi*. 2017. 79(4): 87-96.
7. Beenish Sultana and M.W. Mustafa. Impact of reconfiguration and demand response program considering Electrical vehicles in smart distribution system , 3rd International Electrical Engineering Conference held on 9-10-feb-2018
8. Sultana, U., Khairuddin, A.B., Sultana, B., Rasheed, N., Qazi, S.H. and Malik, N.R., 2018. Placement and sizing of multiple distributed generation and battery swapping stations using grasshopper optimizer algorithm. *Energy*, 165, pp.408-421.
9. Abdul Rauf Bhatti, Zainal Salam, Beenish Sultana, Nadia Rasheed, Ahmed Bilal Awan, Umbrin Sultana, Muhammad Younas. Optimized sizing of photovoltaic-grid-connected electric vehicle charging system using particle swarm optimization, *International Journal of Energy Research*, 43(1), 2018.
10. Malaika Ramzan, Beenish Sultana, Syeda Minhal Bukhari, Urooj Abid. Net Zero Energy Buildings and Their Designing Characteristics- A Review, 4th International Electrical Engineering Conference IEEC-2019, 25th-26th January 2019.