

Ishtiaque Ahmed

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Education	<p>B.S. (Electrical Telecommunication Engineering) COMSATS IIT, Pakistan Feb 2014 – Jan 2018 CGPA: 3.42/4.0 Bachelor Thesis: Privacy Protection for Smart Meter Subscribers Research Description: Did research on the advanced metering infrastructure and implemented an algorithm for ensuring privacy of smart meter subscribers. Smart meter is a new foundation electric meter and facilitates two-way wireless communication between the energy supplier and the consumer. The proposed algorithm works on scheduling of household appliances (usage priorities and peak or lean hours of a day), intermittent operation of specific (storage) appliances and the two-way communication feature of smart grids/meters. The results obtained from MATLAB show that it is economically beneficial to adopt smart meters after overcoming the privacy issues.</p>
Experience	<p>Intern, Pakistan Aeronautical Complex, Kamra Dec 2016 – Jan 2017 Got the insight of basic electrical operations. Learned about the working and operation of wireless telecommunication devices used in the present era.</p>
Research Interests	<ul style="list-style-type: none">▪ Power and Transmission System Automation (Smart Grid)▪ Wireless Communication▪ Data Communication and Computer Networks▪ Control Systems▪ Distributed Generation
Honors/Awards	<p>1st Position (Group) in Report Writing Competition (EE Department, CIIT, 2017) 2nd Position in School (SSC Examinations, 2010) Shaheen Foundation PAF Merit Certificate/Scholarship (2009)</p>
Computer Skills	<p>Applications (MATLAB, Microsoft Office, LATEX, Proteus etc.), Programming Languages (C, JAVA, Assembly Language), Operating Systems (Linux, Windows), Signals and Systems, MATLAB Based Signal and Image Processing, Micro Processing and Interfacing</p>
Languages	<ul style="list-style-type: none">▪ Pashto (Mother Tongue)▪ Urdu (Fluent)▪ English (Proficient)
Reference	<p>Dr. Muhammad Fasih Uddin Butt COMSATS University Islamabad, Pakistan Telephone: +92-51-9247000 Email: fasih@comsats.edu.pk</p>