

CURRICULUM VITAE

Anees Ara

Email: aara@psu.edu.sa

Profile Highlights

- ❖ Nine years of International Teaching and Research Experience
- ❖ 1 year of Industrial Experience
- ❖ Conducted workshop, seminar, lectures at various levels
- ❖ Conducted Poster Presentation at different levels
- ❖ Involved in data analysis, proposal writing and questionnaire design
- ❖ Having strong IT skills, along with proven administrative and organizational abilities
- ❖ Integration of experience between Teaching and Research
- ❖ Having strong computational skills in mathematics and programming
- ❖ Good Communication, Functional and Technical skills and savvy
- ❖ Possessing excellent communication skills, face to face, written and verbal
- ❖ Comfortable with working in a target-driven environment and fast paced environment
- ❖ Ability to priorities own work in response to deadlines.

Academic Accreditations

- ❖ Doctor of Philosophy (Ph.D.), [2017]
Specialization: Network Security,
College of Computers and Information Sciences,
King Saud University, Riyadh, Saudi Arabia.

Thesis Title: *Towards a Unified Security Framework for Cyber-Physical Cloud Computing Systems*

- ❖ Masters in Science (M.Sc.), [2007]
Specialization: Mathematics with Computer Science,
University College of Science,
Osmania University, Hyderabad, India.

Project Title: *3 line station yard diagram* for Indian Railway Institute of Signal Engineering (IRISET), India.

- ❖ Bachelor of Science (B.Sc.), [2005]
Specialization: Mathematics, Statistics, Computer Science,
Government Degree College for Women,
Osmania University, India.

Project Title: *Air Pollution* for Andhra Pradesh Pollution Board (APPCB), India.

Professional History

Employer: Duration: Employment: Type: Role:	Prince Sultan University <i>29/08/2018 – Till date</i> CONTRACTOR - FULL TIME, Deployment: Saudi Arabia Assistant Professor
Responsibilities:	<ul style="list-style-type: none"> ❖ Currently teaching courses for Computer Science and Software Engineering disciplines, which includes: Design and analysis of algorithms (CS 311), Cloud computing (SE 409), and Selective Topics in Software Engineering(Python Language) (SE 489)
Employer: Duration: Employment: Type: Role:	King Saud University <i>05/12/2008* – 13/july/2018</i> CONTRACTOR - FULL TIME, Deployment: Saudi Arabia Researcher
Responsibilities:	<p>My roles and responsibilities as a Researcher include</p> <ul style="list-style-type: none"> ❖ Perform studies as related to research project ❖ Teaching Computer Science subjects related to networks, security, and distributed systems. ❖ Preparing labs for network security based on Linux environment. ❖ Coordinating and Supervising studentø course projects. ❖ Supervise undergraduate students working on the research project (maintaining records on assignment completion, acting as mediator between the undergraduate students and the faculty researcher) ❖ Maintain accurate records of interviews, safeguarding the confidentiality of subjects, as necessary ❖ To actively contribute to the research projects goals as well as a proven publication track record ❖ Attend project meetings ❖ Attend area seminars and other meetings as necessary
Employer: Duration: Employment: Type: Role:	Center for Good Governance <i>2007 – 2008</i> CONTRACTOR - FULL TIME, Deployment: India Software Developer
Responsibilities:	<p>My roles and responsibilities as a Software Developer include</p> <ul style="list-style-type: none"> ❖ Design the project monitoring and tracking system ❖ Generated web application for government of India to track and monitor various fund flow & keep track of work schedule under various schemes (like JNNURM, UPRS). ❖ Worked on environment based on Java using eclipse as editor and Oracle 8i as database.

Certifications & Accomplishments

- ❖ Won first place in the poster competition at, *öThe First Bioinformatics Scientific Meeting in KSU (BioSM-KSU)ö*, May 4, 2014, King Saud University, Riyadh, Saudi Arabia.
- ❖ Awarded *öCertificate of appreciationö* for the teaching services at the Information Technology department, King Saud University, 2013/14.
- ❖ Passed M.Sc. (Mathematics with Computer Science) in first division with distinction.
- ❖ Ranked as first eligible candidate in criteria of on-campus interview selection boards at Osmania University, Hyderabad, India.
- ❖ Topped in B.Sc. by scoring 84% in aggregate.

Technical Competencies

<i>Technical Skills</i>
Operating System: MSDOS, WINDOWS 10, Linux, Kali Linux
Programming Languages: C, C++, JAVA, Python
RDBMS: SQL, Oracle 8i, MS-Access, Postgresl
Packages: ASP.Net with C# (.Net compatible languages C# & VB.Net),, Photoshop, Audacity and After Effect

Courses Taught

Network Security: Course lectures, Labs and Tutorials.
Ethics in Information Technology: Course Lectures and Tutorials

Network Operating System Management: Labs on windows server 2008
Distributed Systems: Course projects, Tutorials and Labs on RMI and Hadoop
Networks: Course Projects, Tutorials and Labs on Socket Programming
Fundamental of Multimedia: Course Projects, Tutorials and Labs on Image, Audio and Video Editing

Professional Activities

- ❖ Attended the *ICTForum 2017* conducted by Communications and Information Technology Commission, at CITC, Riyadh, KSA.
- ❖ Participated at *The 4th Saudi International Conference on Information Technology: Big Data Analysis 2016*, at KACST, Riyadh KSA.
- ❖ Participated at *The 3rd Saudi International Conference on Information Technology: Cyber Security*, 29th -30th March, 2016, KACST headquarters, Riyadh, KSA.
- ❖ Attended the *International Conference on Cloud Computing ICC15*, conducted by IEEE at Princess Nourah Bint Abdulrahman University, held on 27-28 April, 2015.
- ❖ Attended the workshop titled *Overview of implementing Wireless Sensor Network using Castalia Simulator*, International Conference on Cloud Computing ICC15, conducted by IEEE at Princess Nourah Bint Abdulrahman University, held on 27-28 April, 2015.
- ❖ Attended the *"National Symposium for Command & Control and Cyber Security (NSC3) 2015"* organized by King Saud University and Saudi Ministry of Interior, April 27th to 29th, 2015 at King Saud University in Riyadh.
- ❖ Attended workshop on *"Introduction to Cyber Security"*, by Cyber Arabia, Northrop Grumman, 2015.
- ❖ Attended *the second Bioinformatics Research Scientific Meeting* at King Saud University (BioSM-KSU) on May 4th-5th, 2015, Riyadh, KSA.
- ❖ Participated at *The 2nd Saudi International Conference on Information Technology, KACSTIT 2013* on 20th November, 2013 at KACST headquarters, Riyadh KSA.
- ❖ Participated in the *"Cyber Security Tutorial"* at The 2nd Saudi International Conference on Information Technology, KACSTIT 2013, on 20th November, 2013 at KACST headquarters, Riyadh KSA.
- ❖ Participated in the *"Wireless Network Tutorial"* at The 2nd Saudi International Conference on Information Technology, KACSTIT 2013 on 20th November, 2013 at KACST headquarters, Riyadh KSA.

Professional Membership

- ❖ Junior Member of IEEE.
- ❖ Member of Network and Information Security Research Group, King Saud University, Saudi Arabia.

List of Publications:

- ❖ A. Ara, M. Al-Rodhaan, Y. Tian and A. Al-Dhelaan, "A Secure Privacy-Preserving Data Aggregation Scheme Based on Bilinear ElGamal Cryptosystem for Remote Health Monitoring Systems," in *IEEE Access*, vol. 5, no. , pp. 12601-12617, 2017. (ISI Indexed)

- ❖ Anees Ara, Mznah Al-Rodhaan, Yuan Tian, and Abdullah Al-Dhelaan. *öA Secure Service Provisioning Framework for Cyber Physical Cloud Computing Systemsö*, International Journal of Parallel Emergent and Distributed Systems 01/2015; 6(1). DOI:10.5121/ijdps.2015.6101.
- ❖ Anees Ara, and Abdullah Al-Mudimigh. *öThe Role and Impact of Project Management in ERP project implementation life cycleö*, Global Journal of Computer Science and Technology, Volume 11 Issue 5 Version 1.0 April 2011, 04/2011; 11(5):6-10.
- ❖ Mousmi Chaurasia, Anjum Asma and Anees Ara. *öOpportunities and Challenges of Web 2.0 in Arab Educationö*, Global Conference on Learning and Technology, Melbourne, Australia; 03/2011.

Personal Credentials

Type	Info
Address	College of Computer Science and Information Sciences, Prince Sultan University, Riyadh, Saudi Arabia. Phone# +966596218192
Gender	Female
Nationality	Indian
Email ID	<i>aara@psu.edu.sa</i>