

SAYYADA SARA BANU,

Date: 05/03/2025.

MCA, (PhD).

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Objective:

To pursue my career in a challenging position in organization that offers good advancement potential. I would like a position with a strong emphasis on innovative work interacting with new development technologies and techniques. I also would like to arrange programs and other extracurricular activities for students and researcher.

Profile:

Having a youthful, dynamic and enthusiastic personality with more than 13 years of experience as an Assistant Professor, presently working with one of the reputed Universities of K.S.A.

Coordinator for QAU Female (Sabya College)

Department of Computer Science.

JAZAN UNIVERSITY, KSA.

Research Contribution:

International Journals: 22

International Conferences: 06

National Conferences: 03

Patents Registered:

International: Republic of South Africa: “An Artificial intelligence based device to control a switchgear using wireless circuit”. (2021/10723)

National Patent: “IoT enabled method for detecting impression based on artificial intelligence and deep learning”. (31/03/2022)

Details of Research papers published:

1). “Intrusion detection system for Industrial Internet of things based on deep Reinforcement learning”. Q1 journal.

Sumegh Tharewal, Mohammed. Waseem Ashfaq, Sayyada Sara Banu, Perumal Uma, Samar Mansour Hassen, Mohammed Shabaz.

Hindawi

Wireless Communications and Mobile computing

Volume 2022, Article Id 9023719, 8 pages.

<http://doi.org/10.1155/2022/9023719>

2). “Community Services Using Internet of Things”. International journal of computer applications 184(19):23-26, June 2022

3). “Data mining for library service improvement by using an R tools technique: A review
Nat volatiles & Essent. Oils, 2021:8(4):1373-1394

Hanan M Mourad, Sayyada Sara Banu, Bharti W Gawali, Vaishali S Khaparde.

4) Mohammed. Waseem Ashfaq, Sayyada Sara Banu, Dr.Perumal Uma, Quadri N.Naveed,
“**Analysis of E-Cigarettes, Merits, Demerits and Its Potential Impact factor on Public Health. (CS128)**”, Proceedings of International Conference on ICCCT and ICAIECES
2015, Velammal Engineering College, Chennai 22-23 April 2015, **SPRINGER**. Pg no 18.

5) Sayyada Sara Banu, Dr.Perumal Uma, Mohammed Waseem Ashfaq,
“**Data mining based soft computing skills towards Prevention of Cyber Crimes
On Web**”, International journal of Recent and innovation Trends in Computing and
Communication (IJRITCC) , A unit Of Auricle Technologies Pvt. Ltd, ISSN: 2321-8169,
volume 3, issue 3, Scientific Impact Factor: 5.098, www.ijritcc.org

6) Sayyada Sara Banu, Dr.Perumal Uma, Mohammed Waseem Ashfaq,
“**Application Based technical Approaches of data mining in pharmaceuticals, and
Research approaches in biomedical and Bioinformatics**”, International journal of
Recent and innovation Trends in Computing and Communication (IJRITCC) a unit
Of Auricle Technologies Pvt. Ltd, ISSN: 2321-8169, volume 3, issue 3, Scientific Impact
Factor: 5.098, www.ijritcc.org

- 7) Sayyada Sara Banu, Dr.Perumal Uma, Mohammed Waseem Ashfaque, Quadri S.S Ali Ahmed," **A review on Visualization Approaches of Data mining in heavy Spatial databases**", *IOSR Journal of Computer Engineering (IOSR-JCE) e-ISSN: 2278- 0661, p-ISSN: 2278-8727, Volume 17, Issue 1, Ver. V (Jan – Feb. 2015), PP 95-105* www.iosrjournals.org DOI:
- 8) Mohammed Waseem Ashfaque, Quadri N.Naveed, Sayyada Sara Banu, Quadri S. S Ali Ahmed,"**Fundamentals Tools of Modern MultilingualSpeech Processing Technology in "Urdu"language Speech Processing**", *International Journal of Application or Innovation in Engineering & Management (IJAIEM)*, Volume 4, Issue 2, February 2015, ISSN 2319 – 4847. Web Site: www.ijaiem.org Email: editor@ijaiem.org
- 9) Sayyada Sara Banu, Mohammed Waseem Ashfaque, Perumal Uma, **"Automatic Segmentation of Retinal Vasculature Detection of Diabetic Retinopathy for early using SVM"**, *International Journal of Computer Applications (0975 – 8887), Volume 111 – No 2, February 2015. IJCATM: www.ijcaonline.org.*
- 10) Sayyada Sara Banu, Mohammed Waseem Ashfaque, Dr.Perumal Uma, Quadri S.S Ali Ahmed," **Data mining techniques on Mobile computing Management and Service Oriented Architecture of web Services**", *International Journal of Electrical, Electronics and Computer Systems (IJECS)*, ISSN (Online): 2347-2820, Volume -3, Issue-2 2015.
- 11) Mohammed Waseem Ashfaque, Sayyada Sara Banu, Quadri N.Naveed, Quadri S. Ali Ahmed," **Robust Strategies of GIS and Geospatial Data mining Techniques for drinking ground water quality management, challenges and issues Of Drought Case study Jalna (Maharashtra-India)**", *M Waseem Ashfaque et al. Int. Journal of Engineering Research and Application, Issn: 2248-9622, Vol. 5, Issue 2, (Part-5) February 2015, Pp.20-29, www.ijera.com*
- 12) Kayte Jaypalsing Natthusing, Sumegh Shrikant Tharewal, Mohammed Waseem Ashfaque,Sayyada Sara Banu, Kayte Sangramsing,Manza Ramesh Raybhan, **"Left Ventricle Statistical Models Segmentation of Shape and Appearance For Analysis of Cardiac MRI"**, *International Journal of Computer Applications (0975 – 8887), Volume 104 – No.7, October 2014.*
- 13) Mohammed Waseem Ashfaque, Sayyada Sara Banu, Mohammed Ali Sohail, Quadri N.Naveed, Perumal Uma," **Remote sensering using Android Mobile to contoll Robotics**", *International Journal of Electrical, Electronics and Computer Systems (IJECS)*, ISSN (Online): 2347-2820, Volume -2, Issue-11, 12, 2014.
- 14) Mohammed Waseem Ashfaque, Sayyada Sara Banu, Quadri N. Naveed, Dr.Perumal Uma,"**A review on Emerging trends, Applications and issues of Geospatial Technology in public health in Indian scenario**", *International Journal of Scientific & Engineering Research*, Volume 5, Issue 12, December-2014 282 ISSN 2229-5518.

- 15) Mohammed Waseem Ashfaq, Abdul Samad Shaikh, Sumegh Tharewal, Sayyada Sara Banu, Mohammed Ali Sohail,” **Challenges of Interactive Multimedia Data Mining in Social and Behavioral Studies for latest Computing & Communication of an Ideal Applications**”, *IOSR Journal of Computer Engineering (IOSR-JCE)* e-ISSN: 2278-0661, p-ISSN: 2278-8727, Volume 16, Issue 6, Ver. VII (Nov – Dec. 2014), PP 21-31 www.iosrjournals.org.
- 16) Mohammed Waseem Ashfaq, Sumegh Tharewal, Abdul Samad Shaikh, Sayyada Sara Banu Shaikh Abdul Hannan, “**An Approach towards text messaging to voice message For Smart Android phone**”, *International Journal of Electrical, Electronics and Computer Systems (IJECS)*, Volume -2, Issue-8, 9 2014, ISSN (Online): 2347-2820, **Impact Factor: - 1.75**
- 17) Mohammed Waseem Ashfaq, Sumegh Tharewal, Abdul Samad Shaikh, Sayyada Sara Banu, Mohammed Ali Sohail, Shaikh Abdul Hannan, “**TRENDS IN EDUCATION SMART LEARNING APPROACH**”, *International Journal of Advanced Research in Computer Science and Software Engineering (IJARCSSE)*, Volume-4, Issue-10, October-2014, ISSN: 2277 128X, **Impact Factor: - 2.080**
- 18) Kayte Jaypalsing Natthusing, Sumegh Shrikant Tharewal, Mohammed Waseem Ashfaq, Sayyada Sara Banu, Kayte Sangramsing and Manza Ramesh Raybhan,” **Left Ventricle Statistical Models Segmentation of Shape and Appearance for Analysis of Cardiac MRI**”, *International Journal of Computer Applications*, Volume 104 – No.7, October 2014, ISSN: 0975-8887, **Impact Factor: - 1.9**
- 19) Sumegh Shrikant Tharewal, Mohammed Waseem Ashfaq, Kayte Jaypalsing Natthusing, Sayyada Sara Banu, Abdul Samad Shaikh, Dr. Charansing N Kayte, ” **Real Time System Brain–Computer Interface (BCI)**”, *International Journal of* 4, Issue 9, September 2014, ISSN: 2277 128X, **Impact Factor:-2.080**
- 20) Sumegh Tharewal, Sangramsing Kayte, Mohammed Waseem Ashfaq, Sayyada Sara Banu, Dr. Bharti Gawali, “**A Review of the Real-time intelligent alarm system of Driver fatigue & Driver Drowsiness based on Emotive EPOC**”, *International Journal Of Scientific & Engineering Research*, Volume 5, Issue 9, September-2014, ISSN 2229 5518, **Impact Factor:-3.2**

21) Mohammed Waseem Ashfaq, Sumegh Tharewal, Sayyada Sara Banu, Dr. Abdul Hannan, “**Implementation and use of Data Structure in Linux**”, International Journal of Innovations in Engineering and Technology (IJIET), Vol.4 Issue 1 June 2014, ISSN: 2319-1058, **Impact Factor:-0.672**

International Conferences:

1. 3Rd International Conference on Computational Intelligence and Computing Research (ICCIC-2012), Organized by Tamilnadu College of Engineering, Coimbatore, India, on 18-20, 2012 at the Coimbatore, India.
2. Participated in the Second IEEE International Conference on Parallel, Distributed And Grid Computing (PDGC-2012) on December 6-8, 2012, organized by the Department of CSE & IT, JAPEE University of Information Technology, Wahnaghat, Solan, Himachal Pradesh, India.
3. Participated in 3Rd International Conference on Computer and Communication Technology, ICCCT-2012, Organized by Motilal Nehru National Institute of Technology, Allahabad, India on November 23-25, 2012.
4. Participated in Second International conference on “Computer Science, Engineering & Applications (ICCSEA-2012)”, May 25-27, 2012. At Delhi India. Organized by Academy and Industry Research Collaboration Center (AIRCC).
5. Participated in IEEE International conference on “TECHNOLOGY ENHANCED EDUCATION (ICTEE 2012) “, held on from January 3-5, 2012 at the Amrita Puri, Kerala, India.
6. Participated in 2011 IEEE International conference (INDICON-2011 IEEE) organized by BITS Pillani, campus Hyderabad, India. 16-18 December, 2011.

National Conferences:

1. National Seminar:

Attended the National Seminar on: **Nano Technology-Its future and Application**

In Energy sector”, August 26-27, 2011, organized by IEEE Hyderabad section, at Danube auditorium, Mahindra Satyam, Hitech City, Hyderabad, A.P, India.

2. National workshop and Conference:

Participated in 3 days National workshop and conference on “**CYBER SECURITY**”, 2014. Organized by **SJB** Research Foundation® Bangalore, Technically cosponsored By **IEEE** India and supported by **IEEE** computational on 8-10 August 2014, at Bangalore, India.

3. International and National Workshop:

Participated in One day National seminar on “**MATLAB and Simulink for Engineering Education**”, organized by Mathworks India, and is a U.S.A. based the leading developer of mathematical computing software for engineers and scientist, on 8th August 2014 at Aurangabad.

Educational Qualification:

Ph.D. Pursuing from a Reputed University, India.

MCA in September 2000 from Osmania University with 74%. In 2000.

BSc Computer Sciences from Osmania University 73%. In 1996.

Intermediate with MPC from Govt. Junior college 61%. In 1993.

SSC from H.H.The Agha khan high school with 80% in 1991.

Work Experience: 15 Years

Worked as an assistance professor in Noor College of engineering Hyderabad
From 2000 to 2013.

Working at Jazan University KSA as a Faculty in CS & IS department since
September 2013 till date.

Job Responsibility:**Departmental Activities:**

- Guided for many main as well as mini projects.
- Conducted technical festivals.
- Given training to nonteaching faculties.
- Conducted faculty development programs.
- QAU coordinator for Sabya Campus.

Area of Interest and knowledge:

- Data communications and Networking
 - OOPS Concepts in Core Java
 - Network Security
 - Database Management systems
 - Computer networks
 - Operating System
 - Wireless network and mobile communications
 - Software Engineering
 - .Net
 - Programming Languages.
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- **Computer Skills:**

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|---------------------------------|--|
| Platforms | Windows XP/2003, windows 7, Linux, Windows 8, Windows server 2000. |
| Programming Languages | Java, C++, C, C#, Visual Basic, VB.Net |
| Databases | SQL Server 2005/2008, My SQL, Oracle 11g, Access. |
| Basic Software and tools | Microsoft Enterprise Library 4.0. |
| Web Technologies | ASP.NET, HTML. |
| Web Servers | IIS6.0, ASP.Net Development Server |
| Networking | CCNA certified From CISCO |

Strengths:

- ▯. Positive attitude towards work and life.
- ▯. Keeping updates with latest technology.
- ▯. Leadership qualities and knowledge sharing tendency.

Personal Information:

Passport no : - Z2889473

Date of Issue: - 17-02-2020

Date of expire: - 16-02-2030

Place of Issue: Jeddah