

## FACULTY FULL NAME:

Dr. MAQSOOD MAHMUD MAHMUD KHAN

د. مقصود محمود محمود خان

POSITION: ASSISTANT PROFESSOR

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### Personal Data

Nationality | Pakistani

Date of Birth | 11 March 1983



Department | Management Information Systems (MIS)

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### Language Proficiency

Language	Read	Write	Speak
Arabic	Moderate	Moderate	Moderate
English	Excellent	Excellent	Excellent
Urdu	Excellent	Excellent	Excellent
Pashto	Excellent	Excellent	Excellent



### Academic Qualifications (Beginning with the most recent)

Date	Academic Degree	Place of Issue	Address
November 6, 2013	PhD (Computer Sciences)	Malaysia	University Technology Malaysia, Johar Bahru, Malaysia
Dec 2006	M.S (Information Security)-PGD	Pakistan	National University of Science and Technology (NUST), Pakistan
May 16, 2005	M.Sc (Computer Sciences)	Pakistan	University of Peshawar, KPK, Pakistan,
September 14, 2002	B.Sc (Computer Sciences)	Pakistan	University of Peshawar, KPK, Pakistan

### PhD, Master or Fellowship Research Title: (Academic Honors or Distinctions)

PhD	A New Iris Protection Method Using Bio-Chaotic Algorithm and Bio-Gaussian Stream Cipher
Master	Automation of Student's Results System Using C#
Fellowship	A Data Mining Approach for Liveness Authentication for Iris Template

### Professional Record: (Beginning with the most recent)

Job Rank	Place and Address of Work	Date
Assistant Professor	Department of Management Information Systems (MIS), College of Business Administration, Imam Abdulrahman Bin Faisal University, Dammam, Saudi Arabia	Sept 2016- Till Date
Assistant Professor	Department of Information Systems, ALMAREFA University, Riyadh, Saudi Arabia	Aug 2015- Aug 2016
Researcher	Department of Information Systems, King Saud University, Riyadh, Saudi Arabia	Dec 2013- July 2015
Research Assistant (RA)	Center of Excellence Information Assurance (CoEIA), Riyadh, Saudi Arabia	Dec 2007- Dec 2009
Lecturer	Department of Computer Sciences, University of Peshawar, Pakistan	Jan 2007- Dec 2007
HEC ELT Project Team Member	International Islamic University, Islamabad, Pakistan	Jan 2007- Marc 2007
Lecturer	Preston University, Peshawar, Pakistan	Oct 2005- Nov 2005



Lecturer		FITSIN University, Peshawar, Pakistan	June 2005-Sept 2005
Web Developer		VSOFT Software House, PSEB, Peshawar, Pakistan	Jan 2005 - May 2005
Computer/Physics Lab Instructor		Brains Degree College, Peshawar, Pakistan	Jun 2002-Dec 2002

### Administrative Positions Held: (Beginning with the most recent)

Administrative Position	Office	Date
Founding Director	BRIC Lab (Business Research Intelligence Center), CBA, IAU, Dammam	23 March 2018-Till Date
Research Unit Head	College of Business Administration, IAU	Feb 2019- Till Date
Quality Unit Head	Management Information Systems (MIS) Department, College of Business Administration, IAU.	Jan 2019-Till Date
CEO (Owner)	Vision International Research Lab/Software House, Dean Plaza, Peshawar Cantt, Pakistan	June 2011-Dec 2012
Co-op Training Coordinator	Office 32099	Feb 2017 till Date

### Scientific Achievements

#### Published Refereed Scientific Researches

(In Chronological Order Beginning with the Most Recent)

#	Name of Investigator(s)	Research Title	Publisher and Date of Publication	Indexed
J26	Maqsood Mahmud, A. Rahman, Malrey Lee, Jae-Young Choi	Evolutionary-based image encryption using RNA codons truth table	Journal of Optics and Laser Technology	ISI-SCI Quartile: Q1 Impact Factor:3.3
25	Ebrahim Akbari Hossein Nematzadeh, Rasul Enayatifar, Maqsood Mahmud	Frequency based feature selection method using whale algorithm	Genomics, Elsevier,	ISI-SCI Indexed Impact Factor 3.1



J24	Maqsood Mahmud	Impact Analysis of Digital Transformations on Entrepreneurial Ecosystem in the Eastern Province of Saudi Arabia	Journal of Entrepreneurship Education ISSN: 10988394	Scopus Indexed Quartile: Q1 CiteScore: 2.58
J23	Maqsood Mahmud, Yusuf Opeyemi Akinwale, Riyaz Ahmad Khan, A. A. Alaraifi,	Start-up Techno Entrepreneurship Adoption: An Intention Based Assessment Study of Start-ups in Kingdom of Saudi Arabia	Journal of Entrepreneurship Education ISSN: 10988394	Scopus Indexed Quartile: Q1 CiteScore: 2.58
J22	A. Rahman; Alhaidari, Fahd Abdulsalam; Musleh, Dhiaa; Mahmud, Maqsood; Khan, Muhammad Adnan	Synchronization of Virtual Databases: A Case of Smartphone Contacts	Journal of Computational and Theoretical Nanoscience, Volume 16, Numbers 5-6, May 2019, pp. 1740-1757(18)	ISI-SCI Indexed 0.25 Impact Factor)
J21	Alqahtani, Abdullah; Alhaidari, Fahd Abdulsalam; Attatur-Rahman; Mahmud, Maqsood; Sultan, Kiran,	Decision Support System Assisted E-Recruiting System	Journal of Computational and Theoretical Nanoscience, Volume 16, Numbers 5-6, May 2019, pp. 1740-1757(18)	ISI-SCI Indexed 0.25 Impact Factor)
J20	A .Rahman, Maqsood Mahmud, Kiran Sultan, Aldhaffer, N., Alqahtani, A.	Medical Image Watermarking for Fragility and Robustness: A Chaos, Error Correcting Codes and Redundant Residue Number System Based Approach	Journal of Medical Imaging and Health Informatics	(ISI-SCI Indexed with 0.6 Impact Factor)



J19	Maqsood Mahmud, A.Rahman, Aldhafferi N., Alqahtani A.	Security Analysis of Liveness Authentication of Human Iris Templates: A Deep Learning Approach	Journal of Medical Imaging and Health Informatics	(ISI-SCI Indexed with 0.6 Impact Factor)
J18	Atta Ur Rahman, Kiran Sultan, Dhiaa Musleh, Nahier Aldhafferi, Abdullah Alqahtani, Maqsood Mahmud	Robust & Fragile Medical Image Watermarking: A Joint Venture of Coding and Chaos Theories	Journal of Healthcare Engineering, Vol.2018, July 2018	(ISI-SCI Index Impact Factor=1.26)
J17	Atta Rahman, Kiran Sultan, Nahier Aldhafferi, Abdullah Alqahtani, and Maqsood Mahmud	Reversible and Fragile Watermarking for Medical Images	Journal of Computational and Methods in Medicines, July 2018	(ISI-SCI Indexed Impact Factor= 1.55)
J16	Maqsood Mahmud	Liveness Authentication of Iris Template: A Data Mining Approach	Journal International Journal of Computer Networks and Communications Security (IJCNCS), Vol.5, Issue. 9, Pages 198-204	(Scopus Indexed)
J15	Hossein Javedani Sadaeia, Rasul Enayatifar, Muhammad Hisyam Lee, Maqsood Mahmud,	A hybrid model based on differential fuzzy logic relationships and imperialist competitive algorithm for stock market forecasting	Journal of Soft Computing, Dec 2015.	(ISI-SCI Impact: 1.2)
J14	Hossein Javedani Sadaeia, Rasul Enayatifar, Frederico Gadelha Guimarãesb, Maqsood Mahmud, Zakraya Alzamil	Combining ARFIMA Models and Fuzzy Time Series for the Forecast of Long Memory Time Series	Journal of NeuroComputing, ELSEVIER, SCIENCE DIRECT, 1 Nov 2015.	(ISI-SCI-E Impact Factor: 2.1)



J13	Fatemeh Mirzaei Talarposhtia, Hossein Javedani Sadaeib, Rasul Enayatifar, Frederico Gadelha Guimarãesc, Maqsood Mahmudd, Tayyebah Eslamie,	Stock market forecasting by using a hybrid model of exponential fuzzy time series	International Journal of Approximate Reasoning, Volume 70, March 2016, Pages 79–98.	(ISI-SCI Impact Factor: 1.5)
J12	Zahid Akram, Maqsood Mahmud, Arshad Mahmood,	Impact of Social Networking Sites (SNSs) On Youth	Journal of Applied Science Report. Vol. 11 Issue. (1), July 2015.	Google Indexed
J11	Rasul Enayatifar, Abdul Hanan Abdullah, Abdurahman Abdulkarim Mirza, Maqsood Mahmud	Image Hiding by Using Mackey-Glass Series”,	Research Journal of Applied Sciences Engineering and Technology, 11 January 2013	[ISI SCI-E]
J10	Akbar Raza, Matei Ciobanu Morogan, Abdulrahman Abdulkarim Mirza, Maqsood Mahmud,	Security Analysis and Countermeasures of Current Smart Phones	Journal of Information, March 2013.	[ISI SCI-E]
J9	Maqsood Mahmud, Muhammad El Mogy, Muhammad Khurram Khan, Khaled Alghathbar,	Designing User Profiling Prototype for Identification of Malicious Forums	Journal of Information, March 2013.	[ISI SCI-E]
J8	Adnan Abbas, Abdulrahman Abdulkarim Mirza, Maqsood Mahmud,	Wireless Network's New Access Control Security Policies in Integration with Bell- La Padula Model (BLP)	Science Series Data Report Journal USA, 10 June 2012	[ISI SCI-E]
J7	Ihsan Ullah, Maqsood Mahmud, Hatim A. Aboalsamh, Abdulrahman Abdulkarim Mirza, Naveed Khan, Abdul Hanan Bin Abdullah,	Securing the Wireless Sensor Network by Iris Template	Science Series Data Report Journal USA, 4 Sept 2012	[ISI SCI-E]



	Mohammad Yazid Bin Idris, Ihab A. Al Rasan			
J6	Maqsood Mahmud, Abdurrahman Alkarim Mirza,	Web's critical survey analysis with respect to current loopholes	International Journal of Physical Sciences (IJPS), Vol.7 (7), pp.1057-1061, 9 February, 2012	[ISI SCI-E]
J5	Maqsood Mahmud, Muhammad Khurram Khan, Khaled S. Alghathbar, Abdul Hanan Abdullah, Yazid bin Idris,	Intrinsic Authentication of Multimedia Objects using Biometric Data Manipulation	International Arab Journal of Information Technology (IAJIT), July, 2012.	[ISI SCI-E]
J4	Hameed Ullah Khan, Zahid Ullah and Maqsood Mahmud.	Companies' performance in stock exchanges: Using sequential patterns-algorithm	International Journal of the Physical Sciences Vol. 7(1), pp. 37 - 42, 2 January, 2012.	[ISI SCI-E]
J3	Arfan Jaffar, Abdurrahman Abdulkarim Mirza and Maqsood Mahmud,	MR imaging enhancement and segmentation of tumor using fuzzy curvelet	International Journal of Physical Sciences (IJPS), Vol.6(31),pp.7242-7246, 30 November, 2011.	[ISI SCI-E]
J2	Khan.H.U, Ullah.Z, Maqsood Mahmud	Currency Analysis on the Basis of Fluctuation in the Rates using Data mining Techniques (Apriori Algorithm)"	Canadian International Journal of Business and Economics , May 2010.	Google Indexed
J1	Khan.H.U, Ullah.Z, Maqsood Mahmud "	Data Mining Strategies and Methods to Develop Microfinance Market - Use Case Currency Exchange	International Journal of Mathematics and Computers in Simulation, Transactions ID Number: 32-273 , ISSN: 1998-0159, 2009	Google Indexed



NO.	US Patents Info:	Title	Type/Number	Filling/Issue Date
P3	Maqsood Mahmud, Adel Alaraifi	SYSTEMS AND METHODS FOR PREDICTING CYBER SECURITY THREATS IN BIG MEDICAL DATA (BMD)	US Patent Filled	22 Oct 2018
P2	Maqsood Mahmud, Muhammad Khurram Khan, Khaled S. Alghathbar	Systems and Methods for Improving a Cryptosystem using Biometrics	US Patent# <b>US9825761B2</b>	Issued on 21 Nov, 2017.
P1	Maqsood Mahmud,	Natural Language Dependent Stream Ciphers	US Patent# <b>US316885 B2</b>	Issued on July 9, 2013

### Refereed Scientific Research Papers Accepted for Publication

#	Name of Investigator(s)	Research Title	Journal	Acceptance Date

### Scientific Research Papers Presented to Refereed Specialized Scientific Conferences

#	Name of Investigator(s)	Research Title	Conference and Publication Date
C15	Lama Ajmi , Najla Alqahtani , Atta Ur Rahman , Maqsood Mahmud	A Novel Cybersecurity Framework for Countermeasure of SME's in Saudi Arabia	2nd International Conference on Computer Applications & Information Security (ICCAIS), 1-3 May 2019, Riyadh, Saudi Arabia
C14	Deema Almarri, Munaira Alhazza, Moudhi Aljamea, Maqsood Mahmud	Analysis of the Attacks on Saudi Web Companies	21st Saudi Computer Society National Computer Conference (NCC), IEEE, 2018, Riyadh, Saudi Arabia (Undergraduate Student's Paper)
C13	Yara AlHumaidan, Lama AlAjmi, Moudhi Aljamea, Maqsood Mahmud	ANALYSIS OF CLOUD COMPUTING SECURITY IN PERSPECTIVE OF SAUDI ARABIA	2018 IEEE 20th International Conference on e-Health Networking, Applications and Services (Healthcom), (Undergraduate Student's Paper)





C12	Amal Al Qahtani, Sara Al Utaibi, Reem Al Ghamdi, Samar Al Ghamdi, Maqsood Mahmud,	A Novel Feedback Knowledge Management System (FKMS) in Educational Perspective,	2nd International Conference on Information Systems Engineering (ICISE 2017), Charleston, 1-3 April 2017, South Caroline, USA.
C11	Maqsood Mahmud, Abdulrahman Abdulkarim Mirza, Ihsan Ullah, Abdul Hanan Abdullah, and Yazid bin Idris,	Enhanced Technique for Secure Sensor Routing with Respect to Energy Conservation	FGIT 2010, LNCS 6485, pp. 376–382, Springer-Verlag Berlin Heidelberg 2010.
C10	Maqsood Mahmud, Hanif Ullah, Muhammad Khurram Khan, Khaled Alghathbar	Biometric-Gaussian-Stream (BGS) Cipher with New Aspect of Image Encryption (Data Hiding)	BSBT 2009, CCIS, Springer-Verlag, pp. 97-107, vol. 57, 2009.
C9	Maqsood Mahmud, Pranavkumar Pathak, Vaishalibahen Pathak, Zahra Afridi	Detection of Criminally Convicted Email Users by Behavioral Dissimilarity	6th International Conference on the Computational Aspects of Social Networks (CASoN 2015) 1-3 December 2015 Pietermaritzburg, South Africa.
C8	Sk. Md. Mizanu Rahman, M.A.Hossain, Maqsood Mahmud, Muhammad Imran Chaudry, Mohammad Alnuem, Atif Alamri ,	A lightweight Secure Data Aggregation Technique for Wireless Sensor Network,	International Workshop on Applications and Technologies in Cyber Security (ATCS) September 23, 2014, Beijing, China
C7	Maqsood Mahmud, Mohammad Waqar, Abdulrahman Abdulkarim Mirza and Abdul Hanan Bin Abdullah,	“Efficient Securing of Iris Image Template by Using Grayscale Level Incremented/Decrement Method”	9th International Conference on Information Technology-New Generations April 16-18, 2012, Las Vegas, Nevada, USA (Publisher IEEE).
C6	Bilal Khan, Maqsood Mahmud, Muhammad Khurram Khan, Khaled S. Alghathbar,	Security Analysis of Firewall Rule Sets in Computer Networks	The fourth international conference on emerging security information, systems and technologies SECURWARE 2010, Venice/Mestre Italy, July 2010.
C5	Abdullah Alghamdi, Hanif Ullah, Maqsood	“Bio-Chaotic Stream Cipher-Based Iris Image Encryption”,	TrustCom'09, 7th IEEE/IFIP International Conference on Embedded and Ubiquitous



	Mahmud, Muhammad Khurram Khan,		Computing (EUC-09), Canada, 2009.
C4	Jalal F. Al-Muhtadi, Abdul Basit, Maqsood Mahmud,	"Development of Symmetric Cryptosystem using Matrices with Less Overhead on Communication Channel"	IEEE International Conference on Information and Communication Technologies, ICICT '09, 2009.
C3	Khan.H.U, Ullah. Z, Maqsood Mahmud "	Micro Business of Currency Conversion using Data Mining Techniques"	10th International Conference on Mathematics and Computers in Business and Economics MCBE 09, Prague, Czech Republic, March 23-25, 2009.
C2	Alghathbar.K.S, Maqsood Mahmud, Ullah. H	Most known vulnerabilities in Saudi Arabian web servers"	4th IEEE International Conference on Internet Proceedings, ICI 2008,Uzbekistan, pp.1-5, 23-25 Sept. 2008.
C1	Maqsood Mahmud	"Natural Language (ARABIC) as a Strengthening Layer for Stream Ciphers in Wireless Networks"	The 17th IASTED International Conference on Applied Simulation and Modelling ,ASM 2008,Corfu Greece, June 23 – 25, 2008.

### Completed Research Projects

#	Name of Investigator(s) (Supported by)	Research Title	Report Date
Pro2	Dr. Maqsood Mahmud, Dr. Yousuf, Dr. Riyaz Ahmad Khan, Dr. Adel Alaraifi	Saudi Arabian Starts-up Techno-Entrepreneurship support Model: Design and development ( SASTESM-DD)	Sept 2018-Sept 2019
Pro2	Dr. Muhammad Khurram Khan, Dr. Maqsood Mahmud Khan	"Hand-based Biometrics Fusion and Bio-Cryptosystem Computation", Funded by National Plan for Science, Technology and Innovation (NPSTI), Saudi Arabia,	Jan, 2014-Dec, 2016
Pro1	Dr. Muhammad Khurram Khan, Dr. Maqsood Mahmud Khan	Digital Multimedia Forensics", Funded by National Plan for Science Technology and Innovation (NPSTI), Saudi Arabia,	Jan. 2014-Dec. 2015



## Current Researches

#	Research Title	Name of Investigator(s)
1	Medical Image Authentication using Hybrid Intelligent Techniques in Digital Watermarking	Dr. Atta ur Rahman, Dr. Maqsood Mahmud Khan
2	Cyber security Analysis and Forecasting of Big Data's Threats in Saudi Arabian e-Business Context	Dr. Maqsood Mahmud Khan, Dr. Moudhi Al-Jamea, Dr. Kashif Saleem Minhas
3	The Significance of the Digital Transformation on the Success of Entrepreneurs in Eastern Province of Saudi Arabia	Dr. Maqsood Mahmud Khan, Dr. Adil Alaraifi Ms. Nauf Alqarwi

## Contribution to Scientific Conferences and Symposia

#	Conference Title	Place and Date of the Conference	Extent of Contribution
1	IASTED 2008	Greece , 23-25 June 2008	Conference Paper Presenter
2	ITNG 2012	USA, 16-18 April 2012	Conference Paper Presenter

## Membership of Scientific and Professional Societies and Organizations

- IEEE
- CISCO Systems USA
- Microsoft USA

## Teaching Activities

### Undergraduate

#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	Knowledge Management	MIS465	30 Lectures
2	Database Management Systems -I	MIS 309	30 Lectures
3	Database Management Systems -II	MIS 403	30 Lectures
4	Business Intelligence	MIS415	30 Lectures
5	Information System Security	MIS470	30 Lectures



### Brief Description of Undergraduate Courses Taught: (Course Title – Code: Description)

1	Knowledge Management MIS465: This course deals with introduction/methods/techniques of decision support and feedback systems based on people/organizations experiences.
2	Business Intelligence MIS415 : This course deals with introduction/methods/techniques/future direction of Business Analytics, Big Data, Data ware houses concepts and data mining.
3	Database Management Systems -I MIS 309: This course elaborates preliminary and fundament concepts of databases, like primary key, foreign key, relational databases and normalization etc.
4	Database Management Systems -II MIS 403: This course is an advance level which purely deals with database administration issues like, data/database administration, database security, semi structure data, data ware house concept etc.
5	Decision Support Systems (DSS)
6	Data mining (DM)
7	Information Security (IS)
8	Expert Systems (ES)
9	Software Engineering (SE)
10	Advanced Databases, Oracle Developer, Microsoft SQLServer, XML, R. etc.
11	Data Communication and Computer Networks
12	Digital Signal Processing (DSP)
13	Digital Image Processing (DIP)
14	Business Communication (ELT)
15	Distributed Systems (DS)
16	Graduation Project (2 Projects) and Cooperative Internship (3 Students)
17	Cisco Systems Networking (CCNA)
18	Microsoft Networking (MCSE)
19	Microsoft Office (MS Office)
20	Information Theory
21	Web Development (XHTML/HTML5, JavaScript, ASP.Net)
22	Business Process Management (BPM)
23	Visual Programming (Java)
24	Semi-Structured Data (XML)
25	E-Health (EH)
26	Information Systems Strategies Management (ISSM)
27	International Business (IB)
28	Computer-Based Global Project Management (Postgraduate (MBA) Level Course)
29	Data Analysis and Decision Support (Tableau, Rapidminer, R, SPSS, Arena Simulation, CPLEX Optimizer) (Postgraduate (MBA) Level Course)

### Postgraduate



#	Course/Rotation Title	No./Code	Extent of Contribution (no. of lectures/Tutorials. Or labs, Clinics)
1	N/A	N/A	N/A

#### Brief Description of Postgraduate Courses Taught: (Course Title – Code: Description)

1	N/A
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#### Course Coordination

#	Course Title and Code	Coordinati on	Co-coordination	Undergr ad.	Postgrad .	From	To
1	Knowledge Management MIS465	√		√		Sept 2016	Jan 2017
2	Business Intelligence MIS415	√		√		Feb 2017	May 2017

#### Guest/Invited Lectures for Undergraduate Students

#	Activity/Course Title and Code	Subject	College and University or Program	Date
1	SPDP Workshop May 2017	Students Personality Development Program (SPDP)	College of Business Administration, Imam Abdulrahman Bin Faisal University, Dammam	2-9 May 2017

#### Student Academic Supervision and Mentoring

#	Level	Number of Students	From	To
1	Undergraduate	5	25 Aug 2015	30 June 2017

#### Supervision of Master and/or PhD Thesis

#	Degree Type	Title	Institution	Date
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1	MBA(Research)	The Significance of the Digital Transformation on the Success of Entrepreneurs in Eastern Province of Saudi Arabia	College of Business Administration, Imam Abdulrahman Bin Faisal University,	Dec 2018
2	PhD	Women Empowerment in Public and Private Organization in Saudi Arabia according to Personal, Relational and Environmental factors	School of Management (SOM), University Sains Malaysia, Malaysia	June 2018

### Administrative Responsibilities, Committee and Community Service (Beginning with the most recent)

#### Administrative Responsibilities

#	From	To	Position	Organization
1	N/A	N/A	N/A	N/A

#### Committee Membership

#	From	To	Position	Organization
1	25 Aug 2015	25 aug 2016	Member of Exam Committee/ Curriculum Committee	ALMAREFA College of Science and Technology, Riyadh, Saudi Arabia
2	Feb 2017	Till Date	Member of College Quality Committee/	College of Business Administration, Imam Abdulrahman Bin Faisal University
3	June 2017	Till Date	Chair of Exam and Assessment Quality Committee	Department of Management Information Systems, College of Business Administration, Imam Abdulrahman Bin Faisal University

#### Scientific Consultations

#	From	To	Institute	Full-time or Part-time
1	Jan 2008	Till Date	IEEE Conferences/Journals	Part Time (Article Reviewer)
2	Sept 2017	Till Date	International Journal of Computer Networks and	Full Time (Editor) <a href="http://www.ijcnscs.org/editorial.php">http://www.ijcnscs.org/editorial.php</a>



			Communication Security (IJCNCs)	
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### Volunteer Work

#	From	To	Type of Volunteer	Organization
1	2002	Till Date	Blood Donation	Hospitals
2	2017	Till Date	Charity	Ramadan

### Personal Key Competencies and Skills: (Computer, Information technology, technical, etc.)

1	Cisco Certified Network Associate (CCNA)			
2	Microsoft Certified Professional (MCP)			
3	Certified ToT for Web of Science (WoS) Clarivate Analytics Research Products			
4	Visiting Professor, University Sains Malaysia, Malaysia May-June 2018			

### Media/Press Coverage:

<http://www.arabnews.com/node/1245186/saudi-arabia>

Last Update: .....10<sup>th</sup>/Feb/2020