

PROFILE

Dr. Mohammed Ali Hussain

Professor, Dept. of Computer Science & Engineering,
KL University,
Guntur, Andhra Pradesh, India.

Email: alihussain.phd@gmail.com

Education

Ph.D. Computer Science & Engineering, Acharya Nagarjuna University, India.
M.Tech Information Technology, AAI-Deemed University, India.

Research Interests

Computer Networks, Wireless Networks, Mobile Networks, Network Security and Web Security.

Work Experience

Professor, Department of Computer Science & Engineering, KL University (March 2015 – till date).

Professor, Department of Computing, Middle East College, Muscat, Sultanate of Oman (September 2014 – March 2015).

Professor, Department of Electronics and Computer Engineering, KL University (2012 – September 2014).

Professor & Head, Department of Computer Science & Engineering, Sri Sai Madhavi Institute of Science & Technology, Rajahmundry (2010 – 2012).

Assoc. Professor & Head, Department of Computer Science & Engineering, Nimra College of Engineering & Technology Vijayawada (2006 – 2010).

Asst. Professor, Department of Computer Science & Engineering, Hi-Point College of Engineering & Technology Hyderabad (2005 – 2006).

Asst. Professor, Department of Computer Science, S.N.B.T.M (P.G) College, Guntur Dist., (2004 – 2005).

Lecturer, Department of Computer Science, Prabhas College, Vijayawada (2003 – 2004).

Lecturer, Department of Computer Science, Nalanda College, Vijayawada (2002 – 2003).

Papers Handled in B.Tech/MCA/M.Tech

- Programming in C, C++ and Java.
- Computer Networks.
- Advanced Computer Networks.
- Operating Systems.
- Real Time Operating Systems.
- Software Engineering.
- Distributed Database Systems.
- Distributed Operating Systems.
- Multimedia Application Development.

- Software Project Management.
 - Network Programming.
 - Web Middleware and Web Services.
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- E-Commerce.
 - Routing Protocols.
 - Advanced Networking Technologies
 - Wireless Technology.

University Research Supervisor (Ph.D. Computer Science & Engineering)

Bharathiar University, Coimbatore, India.

Sathyabama University, Chennai, India.

KL University, Guntur, A.P., India.

Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya (SCSVMV) University, Kanchipuram, Tamil Nadu, India.

AMET University, Chennai, India.

Dravidian University, Kuppam, A.P., India.

B.S.Abdur Rahman University, Chennai, India.

Supervising 6 Ph.D. Scholars in Computer Science & Engineering from Various Universities.

Thesis Evaluated

Doctor of Philosophy (Ph.D.) in Computer Science & Engineering

Acharya Nagarjuna University, India.

Bharathiar University., India.

Mother Teresa Women's University., India.

Professional Associations and Honors

Senior Member, International Association of Computer Science and Information Technology (IACSIT), Singapore.

Senior Member, International Association of Engineers and Scientists (IAEST).

Senior Member, International Research Association of Computer Science & Technology (IRACST).

Senior Member, Universal Association of Computer and Electronics Engineers (UACEE).

International Association of Engineers (IAENG), Hong Kong.

International Journals of Engineering & Sciences IJENS

www.ijens.org

Indian Society for Technical Education (ISTE).

“Award for Excellence in Research”, 2nd Academic Brilliance Awards – 2014, presented by Educationexpo TV (Research & Branding Company), held on 9th Feb 2014 at Noida.

“Best Academic Researcher Award 2012” from Association of Scientists, Developers and Faculties (ASDF) (Techno Forum Research and Development Centre, Pondicherry, India, Asia) received from **Chief Minister Rangaswamy**, held in Pondicherry on 30th December, 2012.

Certificate of Appreciation as Most Active Reviewer of The International Arab Journal of Information Technology (IAJIT) for the year 2011 & 2012.

Professional Qualifications

IBM Certified in DB2 Database Associate.

Microsoft Certified in Windows NT Server.

Diploma in Advanced Java Programming from Com Tec, Vijayawada.

‘A’ Level from Department of Electronics (DOEACC), New Delhi, from 1999 – 2001.

Selected Publications

Dr.Mohammed Ali Hussain and Mohammad Mastan, “A Study on Semantic Web Services and its Significant Trends”, International Journal of Computer & Electronics Research (IJCER), Vol.3 Issue.5, October 2014, Impact Factor:1.757.

Dr.Mohammed Ali Hussain and J. Vijaya Chandra, “Data and Information Storage Security from Advanced Persistent Attack in Cloud Computing”, International Journal of Applied Engineering Research (IJAER), Vol.9 No.20, SCOPUS Indexed Journal.

Dr.Mohammed Ali Hussain and Shrija Somaraj, “Securing Medical Images by Image Encryption using Key Image”, International Journal of Computer Applications (IJCA), Vol.104 No.3, October 2014.

Dr.Mohammed Ali Hussain, Mohammad Mastan and Dr. P. Suresh Varma, “A Survey on Congestion Control Mechanisms”, International Journal of Research in Engineering and Technology (IJRET), Vol-03 Iss-09, Sep-2014.

Dr.Mohammed Ali Hussain, Dr. K. Kiran Kumar, Dr. M. Kameswara Rao and Dr. R. Bulli Babu, “An Optimal Secure and Efficient AODV Protocol for MANETs using Hashing”, International Journal of Applied Engineering Research (IJAER), Online ISSN 1087—1090, Print ISSN 0973-4562, Vol. 9 No.14, Research India Publications, SCOPUS Indexed Journal.

Dr.Mohammed Ali Hussain and Md. Moulana, “An Implementation of Optimal Id3 Base Decision Tree Algorithm”, paper Accepted in International Journal of Applied Engineering Research (IJAER), Online ISSN 1087—1090, Print ISSN 0973-4562, Vol. 9 No.12, Research India Publications, SCOPUS Indexed Journal.

Dr.Mohammed Ali Hussain, M.Vamsi Krishna Reddy, “CONTENT BASED FILTERING IN SOCIAL NETWORKING SITES USING WEB APLICATION”, International Journal of Soft Computing and Engineering(IJSCE), ISSN: 2231-2307 (Online), Vol.4, Issue.2, May 2014, Impact Factor: 1.224.

Dr.Mohammed Ali Hussain and P. Lakshmi Pallavi, “Intelligent Traffic Control System using Embedded Web Technology”, International Journal of Computer Science, Information Technology, & Security (IJCSITS), ISSN: 2249-9555 (Online), 2250-1355 (Print), Vol. 4, No. 2, April 2014., Impact Factor: 0.310.

Dr.Mohammed Ali Hussain, Dr. T.V. Suryanarayana and Dr. Syed Umar, “Secure Efficient Neighbourhood Discovery in Wireless Networks”, International Journal of Applied Engineering Research (IJAER), Online ISSN 1087—1090, Print ISSN 0973-4562, Vol. 9 No.10, Research India Publications, SCOPUS Indexed Journal.

Dr.Mohammed Ali Hussain and S.J. Sultanuddin, “ An Optimal Voting Mechanism for Cluster- Based Certificate Revocation in Mobile Ad hoc Networks”, paper Accepted in International Journal of Intelligent Systems and Applications (IJISA) Vol.6, April 2014, MECS PUBLISHER, HONG KONG.

Dr. Mohammed Ali Hussain, M.N.M. Prasad, “NTRU Encryption using Huffman Compression”, Journal of Theoretical and Applied Information Technology (JTAIT), (E-ISSN 1817-3195 / ISSN 1992-8645), January 2014, Vol.59, SCOPUS Indexed Journal.

Dr. Mohammed Ali Hussain, Abdul Rabbani and P.U.V Pavan Kumar, “Social Tagging of Multimedia Content A Model”, International Journal of Modern Engineering Research (IJMER), Volume. 3, Issue. 5, September 2013, ISSN: 2249 – 6645.

Mohammed Ali Hussain and K.Satya Rajesh, “Location Based Routing Protocols for Underwater Sensor Networks“, International Journal of Emerging Trends & Technology in Computer Science (IJETTCS), Volume 2, Issue 2, March – April 2013, ISSN : 2278 – 6856.

Mohammed Ali Hussain, Dr. K. Satya Rajesh and L. Sridhara Rao, “A Study on Black Hole Attack Against OLSR Based MANET’S”, International Journal of Computer Networking, Wireless and Mobile Communications (IJCNWMC); ISSN(Print):2250-1568; Impact Factor(JCC): 2.5967.

Mohammed Ali Hussain, Dr. K. Satya Rajesh and Abdul Ahad, “A Study of DBSCAN Algorithms for Spatial Data Clustering Techniques”, paper Accepted for Publication in International Journal of Computer Science and Technology (IJCST), Vol. 3, Issue. 4, October-December, 2012, ISSN: 0976-8491 (online), 2229-4333 (Print).

Mohammed Ali Hussain and Dr. R. Satya Prasad, “A Survey on Growth and Success of E-Commerce in Recent Trends”, International Journal of Soft Computing and Engineering (IJSCE), Vol.1 Issue 5, November 2011, ISSN: 2231-2307.

Mohammed Ali Hussain, M. Ravi Shankar, V. Vijaya Kumar and Y. Srinivasa Rao, “Energy Conservation Techniques in Adhoc Networks”, International Journal of Computer Science & Information Technology (IJCSIT), Vol.3 No.6 April 2011, ISSN: 0975-4660

Mohammed Ali Hussain, K. Satya Rajesh and Hussain Basha Pathan, “Use of Smart Antennas in Ad Hoc Networks”, International Journal of Computer Science & Information Technology (IJCSIT), Vol.2 No.6 December 2010, ISSN : 0975-4660.

Mohammed Ali Hussain, Md.Mastan and Syed Umar, “Quality of Service Issues in Wireless Ad-Hoc Network (IEEE 802.11B)”, Paper published in International Journal of Computer Science and Information Security IJCSIS, Vol.8 No.3, June, 2010, ISSN 1947-5500.

Mohammed Ali Hussain and Md Moulana, “Layered Architecture of Delay Tolerant Networks”, National Conference on Emerging Trends in Information Technology (NCETIT– 2013), published in **ELSEVIER**, organized by Department of Information Technology, GITAM Institute of Technology, GITAM University, Visakhapatnam, A.P., India to be held on 29th and 30th March 2013.

Dr. Mohammed Ali Hussain, Dr. M. Kameswara Rao and Ali Mirza Mahmood, “An Optimized Approach for Generate Simplified Decision Trees”, **2013 IEEE International Conference on Computational Intelligence and Computing Research (2013 IEEE ICCIC)**, published in the conference proceedings with ISBN number and inclusion into **IEEE Xplore**, held on December 26 to December 28, 2013, at Madurai, Tamilnadu, INDIA.

Publications in International Conference Proceedings

Dr. Md Ali Hussain, N. Nuthan, Sudheer Kelam and Udaya Mani Teja, “A Survey on Warning Bird: A Near Real-Time Detection System for Suspicious URLs in Twitter Stream”, International Conference on Information & Engineering Sciences (ICIES – 2013), organized by International Multidisciplinary Research Foundation (IMRF), held on 21st & 22nd Feb’2013 at Manorama Hotel, Vijayawada, A.P., India.

Dr. Md Ali Hussain, Md Abdul Ahad, Dr. K.Satya Rajesh, Rajesh Vemulakonda, Dr. Syed Umar, “Through Estimated Probability, Path Detection Routing in Delay Tolerant Networks”, IEEE International Conference on Advanced Research in Engineering and Technology, ICARET – 2013, IEEE IRAQ Section, held on 8th & 9th Feb’2013 at KL University, Veddeswaram, Guntur Dist., A.P., India.

Dr. Md.Ali Hussain, K. Satya Rajesh and Hussain Basha Pathan, “Networking Issues in Wireless Ad Hoc and Sensor Networks”, International Conference on Mobile Internet Devices (ICMID-2010), Organised by Gokaraju Rangaraju Institute of Engineering & Technology, Hyderabad on 17th & 18th Dec' 2010 at Hyderabad International Convention Centre (HICC)At Hotel Novotel, Near HiTech City, Izzatnagar, Kondapur, Hyderabad, A.P., India.

Dr. Md.Ali Hussain, Md. Moulana, “A Survey on Security Issues in Mobile Ad hoc Networks”, International Conference on Nanoscience, Engineering & Advanced Computing (ICNEAC-2011), International Journals of Engineering & Sciences IJENS

Association with International Accreditation Council of Quality Education and Research (IACQER) and Organised by Swarnandhra College of Engineering & Technology, Narasapur, West Godavari, A.P., India, to be held on 8-10 July 2011.

Seminars/Staff Development Programs Attended

Attended One Day Workshop on Rough Sets in Soft Computing, Organized by Department of Computer Applications, Prasad V. Potluri Siddhartha Institute of Technology (AUTONOMOUS), with Association of Indian Society for Rough Sets & IEEE Technical Committee on Soft Computing, Vijayawada held on September 22nd 2012.

Attended a National Workshop on Soft Computing, Organized by Department of Computer Science, Adikavi Nannaya University, Rajahmundry on Jan 27th 2012.

Attended a Seminar Conducted by IBM with respect to IBM Career Education Conclave, at Sheraton Four Points Hotel, Visakhapatnam on 11th August 2011.

Two Day Faculty Development Programme on “ Network Programming & Unified Modeling Language” on 3rd & 4th of Dec’2010 in Association with TCS, Hyderabad, Organized by Department of CSE, at Narasaraopeta Engineering College, Narasaraopet, Guntur Dist, A.P., India.

One Day National Workshop on “Mathematical Logic and Applications” Organized by Department of Mathematics, at V.R. Siddhartha Engineering College, Vijayawada.

One Day Seminar on “Emerging Software Engineering Paradigms” at P.B.Siddhartha College of Arts & Science in Association with Computer Society of India.

Ten Days Staff Development Programme Sponsored by AICTE on “Wireless Network” conducted at Vignan University, Guntur.

One Day Workshop on “.Net 2008 & SDLC” conducted by Microsoft at Lakki Reddy Bali Reddy College of Engineering, Mylavaram, Krishna Dist.

Three Days Workshop on “.Net and C# “by Mr. Balaji Microsoft Hyderabad, Conducted by Microsoft at Vishnu College of Engineering for women, Bhimavaram.

Three Days Workshop on “DB2” by Mr. Niladari Sekhar Dey IBM Pune, Conducted by IBM at Sasi Institute of Technology & Engineering, Tadapalligudem, West Godavari Dist.

One Day Workshop on “DB2 Tools & WASE” by Mr. Sagar Pande IBM Pune, Conducted by IBM at Sri Sun Flower College of Engg, & Tech., Chalapalli, Krishna Dist.

Two Days Workshop on “Parallel Computing” by Prof. V. Kamakoti, IIT Chennai, Conducted by Indian Association for Research in Computing Science (IARCS) at P.B Siddhartha College of Arts & Science., Vijayawada.

Guest of Honor

Delivered a Guest Lecture on “**Recent Trends in Web Technologies**” at SRR & CVR Govt., Degree College, Vijayawada on 07-12-2013.

Keynote Speaker in National Conference on Emerging Trends in Wireless Communication Networks (NCETWCN -13), organized by Department of Informatics, Alluri Institute of Management Sciences, Warangal, A.P., India held on 16th and 17th April 2013.

Invited as **Chief Guest** for 10th Annual Day Function of Bhashyam School, Gayatri Nagar, Vijayawada on 04-03-2013.

Invited as Guest for National Level R&D, Gaming and Career Showcase “**Sankalp**” (Knowledge Showcase – 2013), organized by School CG Group, on 26-02-2013 at Ongole, Prakasam Dist, Andhra Pradesh, India.

Invited as Judge for Technical Paper Presentation in Dept.of Computer Science & Engineering at Anurag College of Engineering September 2010, Kodad, A.P., India.

Invited as **Chief Guest** for State Level Technical Event (TECHNETZ 2K11) organized by Dept.of MCA at Maris Stella College (P.G) 21st October 2011, Vijayawada, India.

Invited as judge for Technical Paper Presentation (Anurag Vista 2k11) in Dept.of MCA at Anurag College of Engineering on 19th November 2011, Kodad, A.P., India.

Workshops/Seminars Organized

One Day Workshop on " HTML 5 TRENDS" , on 1st February 2014, Organized by Web Technologies Research Group, Dept. of ECM, KL University, Guntur, A.P., India.

Guest Lecture on “Advanced Concepts in Web Technologies” by Chester Tully, Director, GAPVAK Technologies, Vijayawada, on 12-02-2013 at KL University Campus, Guntur, A.P., India.

Two Day Workshop on " Animation Value Chain and Latest Trends in Datamining & Datawarehousing " , on 18th & 19th February 2011, at Sri Sai Madhavi Institute of Science & Technology, Mallampudi, Near Rajahmundry, A.P., India.

One Day Workshop on " Adobe Flex " , in Association with Adobe Partner Genesis Software Pvt., Ltd., Hyderabad, on 5th March 2011, at Sri Sai Madhavi Institute of Science & Technology, Mallampudi, Near Rajahmundry, A.P., India.

Conference Chair

National Conference on Wireless Communications & Sensor Networks (NCWCSN - 2014), DRDO sponsored and organized by Department of ECM & Sensor Networks Research Group, held on 7th & 8th March 2014, KL University, Guntur, A.P., India.

National Conference on Emerging Trends in Wireless Communication Networks (NCETWCN -13), organized by Department of Informatics, Alluri Institute of Management Sciences, Warangal, A.P., India held on 16th and 17th April 2013.

International Conference on Information & Engineering Sciences (ICIES – 2013), organized by International Multidisciplinary Research Foundation (IMRF), held on 21st & 22nd Feb'2013 at Manorama Hotel, Vijayawada, A.P., India.

National Conference on Advanced Techniques in Computer Science (NCATCS-2k12), Sponsored by UGC at Ideal College of Arts & Sciences, Kakinada on 24 & 25th of February, 2012.

National Seminar on "Impact of Information Technology on Rural India (NSITRI-2011), Sponsored by UGC at KBN College, Vijayawada on July 8th & 9th, 2011.

Program Committee Member

6th International Conference on New Trends in Information Science, Service Science and Data Mining (NISS, ICMIA and NASNIT), October 23-25 Taipei, Taiwan.

7th International Conference on Computing and Convergence Technology (ICCIT, ICEI and ICACT), December 3-5, 2012, Seoul, Korea.

8th International Conference on Networked Computing (INC2012), August 27th ~ 29th at Gyeongju, Korea.

8th ICCM: 2012 International Conference on Computing Technology and Information Management (8th NCM and 3rd ICNIT), April 24 - 26 2012, Seoul, Korea.

Third International Conference on Wireless, Mobile Networks & Applications (WiMoA-2011) Dubai, UAE.

11th International Conference on Computational Science and Its Applications (ICCSA 2011) University of Cantabria, Santander, Spain.

3rd International Conference on Data Mining and Intelligent Information Technology Applications (ICMIA), October 24 - 26, 2011, Macao.

7th International Conference on Networked Computing and Advanced Information Management (NCM2011), June 21-23, 2011, Gyeongju, Korea.

International Conference on Computer Science, Engineering and Information Technology (CCSEIT-2011), September 23-25, 2011, Tirunelveli, Tamil Nadu, India.

World Congress on Information and Communication Technologies (WICT-2011), December 11-14, 2011, Mumbai, India.

4th International Conference on Interaction Sciences: IT, Human and Digital Content (ICIS-2011), August 16-18, 2011, Busan, Korea.

International Conference on Mobile IT Convergence (ICMIC), September 26 - 28, 2011, Gumi, Korea.

16th International Conference on North-East Asia Symposium on Nano, Information Technology and Reliability (NASNIT2011), from October 24-26, 2011, Macao.

5th International Conference on New Trends in Information and Service Science (NISS), October 24-26, 2011, Macao.

6th International Conference on Computer Sciences and Convergence Information Technology (ICCIT), Nov.29 - Dec.1, 2011, Jeju Island, Korea.

7th International Conference on Advanced Information Management and Service (ICIPM), Nov.29 - Dec.1, Jeju, Korea.

2nd International Conference on Advancements in Computing Technology (ICACT), Nov.29 - Dec.1, 2011, Jeju Island, Korea.

2nd International Conference on Engineering and Industries (ICEI), Nov. 29 - Dec. 1, 2011, Jeju Island, Korea.

Second International Conference on Computer Science, Engineering & Applications (ICCSEA-2012) May 25~27, 2012. Delhi, India.

8th ICCNT: 2012 International Conference on Computing and Networking Technology (8th INC, 2nd ICCIS and 2nd ICMIC), August 27 ~ 29, Gyeongju, Korea.

2012 IEEE Asia – Pacific Conference on Applied Electromagnetics (APACE 2012), 11 – 13 December 2012, Avillion Legacy Hotel, Melaka, Malaysia.

Information & Communication Technology-EurAsia Conference 2013, Yogyakarta (Indonesia) 25th-29th March, 2013.

International Conference on Advance Computing and Communication (ICACC-2013) will be held during March 16-17 2013, in Ranchi, India.

8th International Conference on Information Processing and Management (ICIPM2013), April 1-3 2013, Seoul, Korea.

9th International Conference on Computing and Advanced Information Management (ICCAIM), June 18-20, 2013, Jeju Island, Seoul, Korea.

5TH International Conference on Data Mining and Intelligent Information Technology Applications, ICMIA 2013, May 29 – 31, 2013, Macao, China.

2013 International Conference on Advanced ICT for Education (ICAICTE - 2013), Sanya, China.

International Conference on Advance Computing and Communication (ICACC-2013) March 16-17 2013, in Ranchi, India. ICACC-2013.

2013 International Conference on Cyber Science and Engineering (CyberSE 2013), November 16 & 17, 2013, China.

8th International Conference on Computing and Convergence Technology (ICCCT - 2013),
October 14 - 16 2013, Gyeongju, Korea.

International Editorial Board Member (Selected List)

The International Arab Journal of Information Technology (IAJIT).

Aloy Journal of Soft Computing and Applications (AJSCA).

International Journal of Soft Computing and Engineering (IJSCE).

International Journal of Engineering Sciences & Research Technology (IJESRT).

International Journal of Wireless Communication (IJWC), Bioinfo Publications.

Journal of Theoretical and Applied Information Technology (JTAIT).

International Journal of Emerging Trends & Technology in Computer Science (IJETTCS).

International Journal of Computer Science & Information Technology (IJCSIT).

International Journal of Sensor Networks and Data Communications (IJSNDC).

International Journal of Electronics Communication and Computer Engineering (IJECCE).

International Journal of Computer Science & Information Technology (IJCSIT).

Journal of Computer Science & Engineering (JCSE).

International Journal of Computer Science (IJCS).

International Journal of Computer Science, Information Technology & Security (IJCSITS).

International Journal of Research in Engineering and Technology (IJRET).

Engineering Science and Technology: An International Journal (ESTIJ).

Journal of Computational Intelligence in Bioinformatics (JCIB).

International Journal of Computer Networks and Wireless Communications (IJCNWC).

International Journal of Advanced Computer Research (IJACR), published under ACCENT Society.

International Journal of Computer Networking, Wireless and Mobile Communications (IJCNWMC).

Journal of Computer Networks (Science and Education Publishing), USA.

International Journal of Computer Network and Information Security (IJCNIS), Modern Education & Computer Science Press (MECS, Publisher), Hong Kong.

Technical Committee Member

The International Arab Journal of Information Technology (IAJIT).

SAI Science and Information Conference 2013, Technically Co-Sponsored by IEEE Computational Intelligence Society UKRI Chapter, London, UK.

International Advisory Board Member

GLOBAL CONFERENCE ON COMPUTER SCIENCE, SOFTWARE, NETWORKS AND ENGINEERING, DECEMBER 06– 08, 2013, Queen Elizabeth Elite Suite Hotel, Kemer – Antalya, Turkey.

International Conference on Advances in Computer and Electronics Technology – ACET 2014 02-03 August, 2014 Hong Kong.

International Scientific Committee Member

4th WORLD CONFERENCE on INNOVATION and COMPUTER SCIENCES - INSODE-2014, Near East University, Middlesex University, Bahcesehir University 11 - 13 April, 2014, Sapienza University, Faculty of Economics, Rome – Italy.

International Committee Member

2013 International Conference on Advanced ICT(Information and Communication Technology) for Education (ICAICTE2013), which will be held on September 20-22, 2013 in Hainan, China.

International Editorial Committee Member, Electrical Engineering 2013 Second will be on December 11-13, 2013 at Jeju National University International Center, Jeju Island, Korea.