Department of Computer Science and Engineering

Dr. Mohammed Mahmood Ali

- **Associate Professor**
- Qualification: A.M.I.E.(CSE), M.Tech(Soft. Engg.), Ph.D(CSE)
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Experience

13.4
Publications

LIST OF PUBLICATIONS

- Mahmood Ali, and Lakshmi Rajamani, Framework for surveillance of Instant Messages, International Journal of Internet Technology and Secured Transactions (IJITST), Inderscience publisher indexed in ACM and SCOPUS,March 2013. (free of cost) peer reviewed journal.
- Mohammed Mahmood Ali, MS Qaseem, Lakshmi Rajamani, and A.Govardhan, Extracting useful rules through improved decision tree induction using information entropy, published in International Journal of Information Sciences and Techniques, (IJIST) Vol.3, No.1, pages 27-41, January 2013.
- link:http://airccse.org/journal/IS/current2012.html (free of cost) Invited.
- Mohammed Mahmood Ali, and Lakshmi Rajamani, APD: ARM Phishing Detector A System for Detecting Phishing in Instant Messengers, published in International Journal of Information processing. Published by IK publishers (INDIA) accessed by IIT professors. In volume 5 issue 2, pg. 12-21. August, 2011. (free of cost) peer reviewed journal link: http://ikjournals.com/ijiparchives.php; (or) http://www.getcited.org/pub/103511871
- Mohammed Mahmood Ali, and Lakshmi Rajamani, OSMD: Online Suspicious Message Detection Framework for Instant Messaging Systems, published in Advances in Engineering and Technology Book Series, 2013, Volume No:2, Page(s):380 � 385.
- Mohammed Mahmood Ali, and Lakshmi Rajamani, An approach for Deceptive Phishing Detection and Prevention in Social Networking Sites Using Data Mining and WordNet Ontology, International Conference on Electrical, Electronics, Signals, Communication and Optimization (EESCO), IEEE,2015.
- Mohammed Mahmood Ali, and Lakshmi Rajamani, Framework for Surveillance of Instant Messages in Instant messengers and Social neworking sites using Data Mining and Ontology, IEEE Techsym2014, IIT Kharagpur, Feb 28th - Mar 2nd 2014.

http://ewh.ieee.org/sb/kharagpur/iit/TechSym2014/doc/IEEETechSym2014_RegularTracksDecisionList.pdf (Listed among top 10 students symposiums in the world as per Google Citation reports).

- Mohammed Mahmood Ali, and Lakshmi Rajamani, Framework for Surveillance of Emails to Detect Multilingual Spam and Suspicious Messages, IEEE Workshop on Computational Intelligence: Theories, Applications and Future Directions , IIT Kanpur, India, pp. 42-56, July 2013. link http://www.iitk.ac.in/ee/courses/archives/2013/ci/Workshop-Proceedings/talks.html

- Mohammed Mahmood Ali, MS Qaseem, A.Govardhan, and Lakshmi Rajamani Improved decision tree induction: Prioritized Height Balanced tree with entropy to find hidden rules, published in CCSEIT-2012 International conference, 26th-28th October, ACM, 2012. link:http://dl.acm.org.

- Mohammed Mahmood Ali and Lakshmi Rajamani, Decision Tree Induction: Priority Classification, published in ICAESM-2012 (International conference, 30th-31st March, 2012, IEEE, 2012. link: IEEE Xplore - Decision tree induction: Priority.

- Mohammed Mahmood Ali, and Lakshmi Rajamani, Deceptive Phishing Detection system in Instant messengers from Audio and Text messages: A Data Mining Approach, published in PRIME-2012 (21st-23rd March) international conference, indexed in IEEE, 2012. link: IEEE Xplore - Deceptive phishing detection.

- Mohammed Mahmood Ali, and Lakshmi Rajamani, Automation of decision making process for selection of talented manpower considering risk factor: A data mining approach, International conference on Information Retrieval & Knowledge Management (CAMP-2012), Malaysia,IEEE, 2012. link: IEEE Xplore - Automation of selection (Best paper listed in 2012).

- Mohammed Mahmood Ali, and Lakshmi Rajamani, APD: ARM Deceptive Phishing Detector System Phishing Detection in Instant Messengers Using Data Mining Approach, 4th International Conference (ObCom-2011),Proceedings, Part I,Springer (CCIS) in Communications in Computer and Information Science, 9th -11th December, 2011. link:http://link.springer.com/chapter/10.1007%2F978-3-642-29219-4_56?LI=true#page-2.

- Mohammed Mahmood Ali, and Lakshmi Rajamani, Decision tree construction using AVL-Tree, International conference (WORLDCOMP�09) at U.S.A, appeared in Proceedings of IKE 2009, Volume II, 459-465, 2009.

- Mohammed Mahmood Ali, and Lakshmi Rajamani, OSMD: Online Suspicious Message Detection Framework for Instant Messaging Systems, published in Advances in Engineering and Technology Book Series, 2013, Volume No:2, Page(s):380 � 385.

- Mohammed Mahmood Ali, and Lakshmi Rajamani, An approach for Deceptive Phishing Detection and Prevention in Social Networking Sites Using Data Mining and WordNet Ontology, International Conference on Electrical, Electronics, Signals, Communication and Optimization (EESCO), IEEE, 2015.

- Mohammed Mahmood Ali, and Lakshmi Rajamani, Framework for Surveillance of Instant Messages in Instant messengers and Social neworking sites using Data Mining and Ontology, IEEE Techsym2014, IIT Kharagpur, Feb 28th - Mar 2nd 2014.

http://ewh.ieee.org/sb/kharagpur/iit/TechSym2014/doc/IEEETechSym2014_RegularTracksDecisionList.pdf (Listed among top 10 students symposiums in the world as per Google Citation reports).

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- Mohammed Mahmood Ali, MS Qaseem, A. Govardhan, and Lakshmi Rajamani Improved decision tree induction: Prioritized Height Balanced tree with entropy to find hidden rules, published in CCSEIT-2012 International conference, 26th-28th October, ACM, 2012. link: http://dl.acm.org.

- Mohammed Mahmood Ali and Lakshmi Rajamani, Decision Tree Induction: Priority Classification, published in ICAESM-2012 (International conference, 30th-31st March, 2012, IEEE, 2012. link: IEEE Xplore - Decision tree induction:Priority.

- Mohammed Mahmood Ali, and Lakshmi Rajamani,Deceptive Phishing Detection system in Instant messengers from Audio and Text messages: A Data Mining Approach, published in PRIME-2012 (21st-23rd March) international conference, indexed in IEEE, 2012. link: IEEE Xplore - Deceptive phishing detection.

- Mohammed Mahmood Ali, and Lakshmi Rajamani, Automation of decision making process for selection of talented manpower considering risk factor: A data mining approach, International conference on Information Retrieval & Knowledge Management (CAMP-2012), Malaysia, IEEE, 2012. link: IEEE Xplore - Automation of selection(Best paper listed in 2012).

- Mohammed Mahmood Ali, and Lakshmi Rajamani, APD: ARM Deceptive Phishing Detector System Phishing Detection in Instant Messengers Using Data Mining Approach, 4th International Conference (ObCom-2011), Proceedings, Part I, Springer (CCIS) in Communications in Computer and Information Science, 9th -11th December, 2011. link: http://link.springer.com/chapter/10.1007%2F978-3-642-29219-4_56?LI=true#page-2.

- Mohammed Mahmood Ali, and Lakshmi Rajamani, Decision tree construction using AVL-Tree, International conference (WORLDCOMP�09) at U.S.A, appeared in Proceedings of IKE 2009, Volume II, 459-465, 2009.

Area of Expertise

Data Mining, Database Management Systems, Object Oriented and System Development (UML), Software Engineering

Research Interest

Cyber Security Surveillance Systems, Social Network Analysis, Ontology, Data Mining, Information Retrieval Systems

Membership Details:

INSTITUTION OF ENGINEER (india)and IEEE