

# Dr. Kishwar Sadaf

Assistant Professor, Computer Science  
Majmaah University

## Education:

**Doctor of Philosophy (Ph.D.) in Computer Science, Jamia Millia Islamia, New Delhi, India, 2016.**

- ❖ Specialization: **Information Retrieval and Data Mining.**
- ❖ Studied and worked on heuristic search and clustering.
- ❖ Ph.D. Thesis Title: **“Information Retrieval using Clustering Techniques”**

**M.Sc.(Computer Science), Jamia Hamdard, New Delhi, India, 2008.**

## Academic Experience:

Academic Appointments –

2018-	Assistant Professor	College of Computer and Information Science, Female Branch, Majmaah University, Saudi Arabia.
2018	Lecturer	Annada College, Vinoba Bhave University, Hazaribagh, Jharkhand, India.
2016-2017	Faculty	Deft Infosystems, New Delhi.
2012-2015	Senior Researcher	Jamia Millia Islamia, New Delhi, India.
2011-2012	Junior Researcher	Jamia Millia Islamia, New Delhi, India.
2014	Lecturer	Jamia Millia Islamia, New Delhi, India.

## PROFESSIONAL ACCOMPLISHMENT

- ❖ Qualified **UGC-NET** in June, 2012.
- ❖ Qualified **GATE-2010** with 95%.

## RESEARCH PROJECT

**Completed a funded research project titled “Intrusion Detection Techniques to Prevent Malicious Entry in Fog Computing” under the Deanship of Scientific Research, Majmaah University, as the Principle Investigator (PI).**

- Kishwar Sadaf and Jabeen Sultana, "Intrusion Detection Based on Autoencoder and Isolation Forest in Fog Computing," in IEEE Access, vol. 8, pp. 167059-167068, 2020, doi: 10.1109/ACCESS.2020.3022855.

## DISSERTATION COMPLETED

- ❖ Calendar event scheduling for National Informatics Center (NIC, Government of India) web portal during the Fourth Semester of M.Sc.
- ❖ Hospital Management System, during Final Year of Graduation.

## WORKSHOP/SEMINAR/CONFERENCES ATTENDED:

1. Participated in international conference on **Advances in Computing and Information Technology (ACITY 2012)**, held at The Park Hotel, Chennai, India, from July 13 to July 15, 2012.
2. Participated in international conference "**IEEE International Conference on Computing for Sustainable Global Development (INDIAcom-2015)**", held at Bhartiya Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi, from March 11 to March 13, 2015.
3. Participated in 7 days **Global Initiative of Academic Network (GIAN) 2-credit course on Graph Mining and Analysis**, held at the Department of Computer Science, Jamia Millia Islamia, from December 17 to December 23, 2015.
4. Participated in one day workshop on "**Mathematics and its Applications**" held on 18<sup>th</sup> October, 2012 under the aegis of Science Academies Lecture Workshop in celebration of National Mathematics Year-2012 at Department of Mathematics, Jamia Millia Islamia, New Delhi.
5. Participated in workshop "**Reference Management in Research**" on 26<sup>th</sup> May, 2015 at Dr. Zakir Hussain Library, Jamia Millia Islamia, New Delhi

## PUBLICATIONS:

### INTERNATIONAL JOURNALS:

1. Mansaf Alam and Kishwar Sadaf, Web Search Result Clustering based on Cuckoo Search and Consensus Clustering, Indian Journal of Computer Science and Technology, Volume 9, Issue 15, April 2016. ISSN : 0974-5645.

2. Kishwar Sadaf, and Mansaf Alam, Web Search Result Clustering- A Review, International Journal of Computer Science & Engineering Survey, Vol.3, No.4, page: 85-2, August 2012. ISSN 0976-2760.
3. Mansaf Alam, and Kishwar Sadaf, Web Search Result Clustering using Heuristic Search and Latent Semantic Indexing, International Journal of Computer Application, 44(15):28-33, April 2012. ISSN 0975 – 8887.
4. Kishwar Sadaf and Mansaf Alam, Web Search Result Clustering based Heuristic Search and k-means, Archived.
5. Kishwar Sadaf and Jabeen Sultana, "Intrusion Detection Based on Autoencoder and Isolation Forest in Fog Computing," in IEEE Access, vol. 8, pp. 167059-167068, 2020, doi: 10.1109/ACCESS.2020.3022855.

#### **FULL PAPERS PROCEEDINGS OF INTERNATIONAL/NATIONAL CONFERENCE:**

1. Mansaf Alam, and Kishwar Sadaf, A Review on Clustering of Web Search Result, ACITY 2012, July 13 ~ 15, 2012, Chennai , Advances in Computing & Information Technology, AISC 177, pp. 153-159, Springer-Verlag Berlin Heidelberg, 2012. ISBN 978-3-642-17857-3.
2. Mansaf Alam, and Kishwar Sadaf, Labeling of Web Search Result Clusters Using Heuristic Search and Frequent Itemset. Procedia Computer Science 46 (2015): 216-222, Elsevier.
3. Mansaf Alam and Kishwar Sadaf, Relevance Feedback versus Web Search Document Clustering, Computing for Sustainable Global Development (IEEE International INDIACOM-2015), 2nd International Conference , vol., no., pp.1665,1669, 11-13 March 2015.
4. Conference paper entitled “Breast Cancer Diagnosis using Support Vector Machine and Multi-Classifiers”, Proceedings of 2019 International Conference on Computational Intelligence and Knowledge Economy, ICCIKE 2019.

#### **PROFESSIONAL MEMBERSHIPS:**

- ❖ Member of Computer Science Teachers Association (CSTA)
- ❖ Member of International Association of Engineers (IAENG)
- ❖ Member of Association for Computing Machinery (ACM)

## **WORKSHOPS:**

1. Conducted a workshop on Cybersecurity titled **“Intrusion Detection System- Snort”** on 27-11-19, at College of Computer and Information Sciences, Majmaah University.
2. Conducted a workshop on **“Cybersecurity Awareness”** on 12-11-19, at College of Computer and Information Sciences, Majmaah University.

## **CONTACT INFORMATION:**

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