

CURRICULUM VITAE

Samiya Khan

Big Data and Cloud Computing Lab,
Department of Computer Science,
Faculty of Natural Sciences,
Jamia Millia Islamia,
New Delhi – 25
Contact: samiyashaukat@yahoo.com



OBJECTIVE

To work as a researcher/faculty in a world-class university or research lab on challenging and interesting problems with highly competent and visionary researchers. The work should be exciting and motivate me to come up with new ideas that will influence the way computers are used, and make a positive impact on people's lives.

RESEARCH AREA

My research areas of interest include Big Data, Analytics, Data Science and Cloud Computing.

EDUCATION

- | | |
|-----------------|---|
| 2015 - pursuing | Jamia Millia Islamia, New Delhi, Ph.D. (Computer Science)
<i>Thesis Entitled:</i>
“A Cloud-Based Framework for Big Data Analytics”
<i>Supervisor:</i> Dr. Mansaf Alam, Ph.D.,
Assistant Professor, Jamia Millia Islamia,
New Delhi |
| 2007 – 2009 | Institute of Informatics and Communications (IIC), South Campus,
University of Delhi; M.Sc.
Subject: Informatics (CGPA: 8.07) |
| 2004 - 2007 | Sri Venkateswara College, University of Delhi, B.Sc. (H)
Subject: Electronics (Percentage: 84.0 %) |

ACADEMIC EMPLOYMENT

- Oct 2017 - Present **Senior Research Fellow**, Jamia Millia Islamia, New Delhi
- Sept 2015 - Sept 2017 **Junior Research Fellow**, Jamia Millia Islamia, New Delhi
- April 2008 - April 2009 **Microprocessor Lab Administrator**, Institute of Informatics and Communications (IIC), South Campus, University of Delhi

INDUSTRY EMPLOYMENT

- April 2011 - August 2015 **Freelancer**
Designation: Technical Writer
Clients: Intelligrape Software and NIIT Technologies, amongst others
- Oct 2010 - Feb 2011 **Meros Technologies Pvt. Ltd.**
Designation: Software Design Engineer (Project-based Contract)
Project: Capuccino (Educational ERP System)
- Sept 2009 - Sept 2010 **Aricent Technologies Ltd.**
Designation: Software Engineer
Project: ETP (Exchange Terminal for Packet Transport)

HONORS AND AWARDS

- 2014 **UGC NET/JRF**
Cleared UGC-NET/JRF Examination held in June 2014.
- 2009 **University Rank – IIIrd**
B.Sc. (H) Electronics, University of Delhi

PROFESSIONAL AFFILIATIONS AND SERVICES

Professional Organization Member

- Member, ACM
- Student Member, IEEE
- Member, Computer Society of India (CSI)

Committee Member

- Student Member, Technical Program Committee, Special Session on “*Cloud Computing, Big Data and their Impact on Digital Life of Consumers*”, CSI 50th Annual Convention, 2015

PUBLICATIONS

JOURNAL PAPERS

Samiya Khan, Xiufeng Liu, Kashish A. Shakil, Mansaf Alam (2017), 'A survey on scholarly data: From big data perspective'. Information Processing & Management, Elsevier. [SCIE/Scopus; Impact Factor: 2.391].

CONFERENCE PAPERS (PRESENTED)

Samiya Khan, Kashish A. Shakil, Mansaf Alam (2018), 'Cloud-Based Big Data Analytics – A Survey of Current Research and Future Directions', in in Big Data Analytics, Proceedings of CSI 2015, Springer (AISC Book Series). [Scopus]

Samiya Khan, Kashish A. Shakil, Mansaf Alam (2016), 'Educational Intelligence: Applying Cloud-based Big Data Analytics to the Indian Education Sector' in the proceedings of IEEE International Conference on Contemporary Computing and Informatics 2016 (IC3I 2016). [Scopus]

Kashish A. Shakil, **Samiya Khan**, Shadma Anis, Mansaf Alam (2017), 'Dengue disease prediction using Weka data mining tool' in the proceedings of IIRAJ International Conference (ICCI-SEM-2K17).

BOOK CHAPTERS

Samiya Khan, Kashish A. Shakil, Mansaf Alam (2017), 'Big Data Computing Using Cloud-Based Technologies: Challenges and Future Perspectives' in *Networks of the Future: Architectures, Technologies and Implementations*, Chapman and Hall/CRC Press (Computer and Information Science Series).

OTHER RESEARCH ACTIVITIES

COURSES ATTENDED

GIAN Course - 'Graph Mining and Analysis'. (December 17-23, 2015; Jamia Millia Islamia)

NATIONAL AND INTERNATIONAL SEMINARS

1. National Seminar on 'Recent Trends in Computer Science' (March 30, 2016; Jamia Millia Islamia, New Delhi)
2. International Seminar on 'Cloud Computing and Distributed Systems' (Dec 30, 2016; Jamia Millia Islamia, New Delhi)

WORKSHOPS ATTENDED

1. Workshop on 'Use of ICT in Sustainable Development', Funded by SERB-DST, Govt. of India, Oct 3-4, 2017, Jamia Hamdard, New Delhi.

2. 7th National Workshop on Translational Bioinformatics, 2017 (Feb 15-16, 2017; Jamia Millia Islamia)

MAGAZINE ARTICLES

Samiya Khan, Mansaf Alam (2016), 'The Changing Face of Journalism and Mass Communications in the Big Data Era', CSI Communications November 2016 issue, Vol. 40, Issue 8, featuring a special theme on "Big Data".

PERSONAL DETAILS

Nationality: Indian
Languages Known: English (Read, Write & Speak)
Hindi (Read, Write & Speak)