

# Dr. Khalid Raza

*Assistant Professor (Senior Scale)*

Department of Computer Science

JAMIA MILLIA ISLAMIA (CENTRAL UNIVERSITY)

Jamia Nagar, New Delhi-110 025, INDIA

Telephone: +91-11-26980014 Extn. 30

Email: [kraza.jmi\[at\]gmail.com](mailto:kraza.jmi[at]gmail.com) | [kraza\[at\]jmi.ac.in](mailto:kraza[at]jmi.ac.in)

Home Page: <http://www.kraza.in/> | <http://jmi.ac.in/kraza>



Citations: 230

H-Index: 09

## CAREER OBJECTIVES

Inclined towards a challenging and growth-oriented career in academics & research where my professional experience, academic background, and a commitment to excel would mutually complement the growth of the organisation and self.

## ACADEMIC PROFILES

- **Assistant Professor** at the **Department of Computer Science, Jamia Millia Islamia (Central University)**, New Delhi, India since December 2010.
- Worked as **Visiting Professor to ICCR Chair** at **Faculty of Computer and Information Sciences, Ain Shams University**, Cairo, Egypt for two semesters (2017-2018). Selected and deputed by ICCR, Ministry of External Affairs, Government of India.

## TECHNICAL PROFILES

- Worked on various technical positions at different organizations including N.C.E.R.T., New Delhi, C.T.P., Jamia Millia Islamia, New Delhi during the period 2003-2010 (~7 years).

## PROFESSIONAL & ACADEMIC QUALIFICATIONS

- **Ph.D. (Computer Science)** from Department of Computer Science, Jamia Millia Islamia, New Delhi (**Awarded in December 2014**).  
Title: "Soft Computing Approach for Modeling Biological Networks"
- **MCA (Master of Computer Application)** from IGNOU, New Delhi.
- ADCA (Advance Diploma in Computer Application) from IGNOU, New Delhi.
- **BCA (Bachelor of Computer Application)** from Magadh University, Bodhgaya.
- Intermediate of Science (PCM) from B.I.E.C., Patna.
- Matriculation (X) from B.S.E.B., Patna

## UGC NATIONAL ELIGIBILITY TEST (NET) & JUNIOR RESEARCH FELLOW (JRF)

- Qualified **National Eligibility Test (NET)** and **Junior Research Fellow (JRF)** in Computer Science & Application conducted by University Grants Commission in December 2009.

## RESEARCH INTEREST

- Computational Biology & Bioinformatics (Biological Networks Modeling, Microarray and Next-Generation Sequencing Analysis, Computational Systems Biology)
- Soft Computing Techniques

RESEARCH PUBLICATIONS (Selected out of Total 30: **Scopus/WoS Indexed**)

- [20] **Raza, K.** & Ahmad, S. Recent advancement in next-generation sequencing techniques and its computational analysis. *International Journal of Bioinformatics Research and Applications* (To appear) (Scopus IF 0.54)
- [19] T.K. Gupta & **Raza, K.** (2018). Optimization of ANN architecture: A review on nature-inspired techniques. In *Machine Learning in Bio-Signal Analysis and Diagnostic Imaging*, Elsevier (to appear)
- [18] Wani, N. & **Raza, K.** (2018). Raw sequence to target gene prediction: An integrated inference pipeline for ChIP-seq and RNA-seq datasets. In *Advances in Intelligent Systems and Computing Series*, Springer (to appear) (**Received Best Paper Award** in [SIGMA-2018](#))
- [17] **Raza, K.** (2018). Improving prediction accuracy of heart disease with ensemble learning and majority voting rule. In *U-Healthcare Monitoring Systems*, Elsevier (In Press) <https://doi.org/10.1016/B978-0-12-815370-3.00008-6>
- [16] Wani, N. & **Raza, K.** (2018). Multiple Kernel Learning approach for Biomedical Image Analysis. In: Dey N, Ashour A, Shi F, Balas E (eds), *Soft Computing Based Medical Image Analysis*, Elsevier, 31-47. doi: [10.1016/B978-0-12-813087-2.00002-6](https://doi.org/10.1016/B978-0-12-813087-2.00002-6).
- [15] Jabeen, A. Ahmad, N. & **Raza, K.** (2018). Machine Learning-Based State-of-the-art Methods for the Classification of RNA-Seq Data. In: Dey N., Ashour A., Borra S. (eds) *Classification in BioApps. Lecture Notes in Computational Vision and Biomechanics*, Springer, 26: 133-172. doi: [10.1007/978-3-319-65981-7\\_6](https://doi.org/10.1007/978-3-319-65981-7_6)
- [14] Khan, F.N., Qazi, S., Tanveer, K. & **Raza, K.** (2017). A review on the antagonist Ebola: A prophylactic approach. *Biomedicine & Pharmacotherapy*, Elsevier, 96:1513-1526. doi: [10.1016/j.biopha.2017.11.103](https://doi.org/10.1016/j.biopha.2017.11.103) (Scopus IF 3.45)
- [13] **Raza, K.** (2017). Protein features identification for machine learning-based prediction of protein-protein interactions. In *Communications in Computer and Information Science*, Springer, 750: 305-317. doi: [10.1007/978-981-10-6544-6\\_28](https://doi.org/10.1007/978-981-10-6544-6_28)
- [12] **Raza, K.** Formal concept analysis for knowledge discovery from biological data. *International Journal of Data Mining and Bioinformatics*, 18(4): 281-300. doi: [10.1504/IJDMB.2017.10009312](https://doi.org/10.1504/IJDMB.2017.10009312) (IF 0.68)
- [11] **Raza, K.** & Alam, M. (2016). Recurrent Neural Network Based Hybrid Model for Reconstructing Gene Regulatory Network. *Computational Biology and Chemistry*, Elsevier, 64:322-334. doi: [10.1016/j.compbiolchem.2016.08.002](https://doi.org/10.1016/j.compbiolchem.2016.08.002) (IF 1.33)
- [10] **Raza, K.** (2016). Reconstruction, topological and gene ontology enrichment analysis of cancerous gene regulatory network modules. *Current Bioinformatics*, 11(2):243-258. doi: [10.2174/1574893611666160115212806](https://doi.org/10.2174/1574893611666160115212806) (IF 0.67)
- [9] **Raza, K.** (2016). Analysis of microarray data using artificial intelligence based techniques. *Handbook of Research on Computational Intelligence Applications in Bioinformatics*, IGI Global, USA, 216-239. doi: [10.4018/978-1-5225-0427-6.ch011](https://doi.org/10.4018/978-1-5225-0427-6.ch011)
- [8] **Raza, K.** (2015). M5 Model Tree and Gene Expression Programming for the Prediction of Metrological Parameters. In Proc. of *IEEE 2015 International Conference on Computers, Communications, and Systems (ICCCS)*, Nov 2-3, 2015, Kanyakumari, India, p. 47-51, IEEE. doi: [10.1109/CCOMS.2015.7562850](https://doi.org/10.1109/CCOMS.2015.7562850) (IEEE Xplore).
- [7] **Raza, K.**, & Hasan, A.N. (2015). A comprehensive evaluation of machine learning techniques for cancer class prediction based on microarray data. *International Journal of Bioinformatics Research and Applications*, 11(5): 397-416. doi: [10.1504/IJBRA.2015.071940](https://doi.org/10.1504/IJBRA.2015.071940) (Scopus IF 0.54)
- [6] **Raza, K.** & Kohli, M. (2015). Ant colony optimization for inferring key gene interactions. In Proc. of *9<sup>th</sup> INDIACom-2015, 2<sup>nd</sup> International Conference on Computing for Sustainable Global Development*, March 11-13, 2015, p. 1242-1246, IEEE. (IEEE Xplore).
- [5] **Raza, K.** (2014). Clustering analysis of cancerous microarray data. *Journal of Chemical and Pharmaceutical Research*, 6(9): 488-493. (IF 0.90)
- [4] Ahmad, S., Hamza, A. & **Raza, K.** (2013). PRes-Clustered Motifs in *Drosophila melanogaster*. *Res. J. Pharm., Biol. Chem. Sci.*, 4(4): 1100-1110 (IF 0.35)

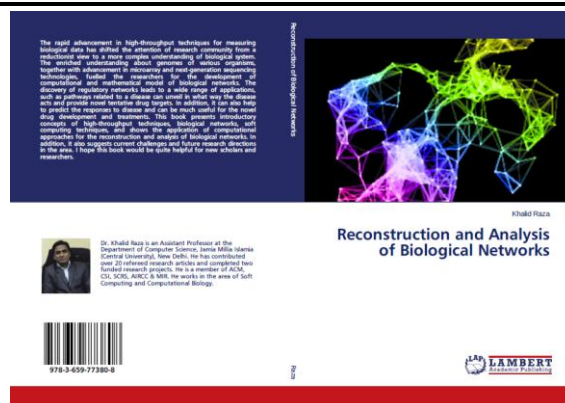
- [3] **Raza, K.** & Jothiprakash, V. (2014). **Multi-output ANN model for prediction of seven meteorological parameters in a weather station.** *Journal of The Institution of Engineers (India): Series A*, Springer, 95(4), 221-229. doi: [10.1007/s40030-014-0092-9](https://doi.org/10.1007/s40030-014-0092-9)
- [2] **Raza, K.** & Parveen, R. (2013). **Reconstruction of gene regulatory network of colon cancer using information theoretic approach.** In *Proc. of 4<sup>th</sup> International Conference (CONFLUENCE-2013): The Next Generation Information Technology Summit*, 26-27 Sept., 2013, p. 461-466. doi: [10.1049/cp.2013.2357](https://doi.org/10.1049/cp.2013.2357) (IEEE Xplore).
- [1] **Raza, K.** & Parveen, R. (2012). **Soft computing approach for modeling genetic regulatory networks.** *Advances in Intelligent Systems and Computing*, 178, 1-11, Springer-Verlag Berlin Heidelberg, doi: [10.1007/978-3-642-31600-5\\_1](https://doi.org/10.1007/978-3-642-31600-5_1)

## PREPRINTS

- **Raza, K.** Fuzzy logic based approaches for gene regulatory network inference. [arXiv preprint arXiv:1804.10775](https://arxiv.org/abs/1804.10775) (Under review with *Int'l Journal*)
- Wani, N. & **Raza, K.** Integrative approaches to reconstruct regulatory networks from multi-omics data: A review of state-of-the-art methods. *Preprints 2018*, 2018040352 <http://doi.org/10.20944/preprints201804.0352.v1> (Under review with *Int'l Journal*)
- Faiza, M., Tanveer, K., Fatihi, S., Wang, Y. & **Raza, K.** Comprehensive overview and assessment of miRNA target prediction tools in human and drosophila melanogaster. *arXiv preprint arXiv:1711.01632* (Under Review)
- Manazir, A. & **Raza, K.** Recent Developments in Cartesian Genetic Programming and its variants. (Under revision with *ACM Computing Survey*)
- **Raza, K.** GRNIP: A Java Package for Inferring Gene Regulatory Networks from Gene Expression Profiles. (Under review with *Bioinformatics*)
- Kumar, S., Ahmad, S., Siddiqi, MI, & **Raza, K.** Mathematical Model For Plant-Insect Interaction With Dynamic Response To PAD4-BIK1 Interaction And Effect of BIK1 Inhibition. *bioRxiv 134619*; doi: [10.1101/134619](https://doi.org/10.1101/134619) (Under review with *Boisystems*).

## BOOKS

Title: **Reconstruction and Analysis of Biological Networks**  
 Author: **Khalid Raza**  
 Publisher: **LAP Lambert Academic Publishing, Germany**  
 Pages: **212**  
 ISBN: **978-3-659-77380-8**  
 Price: **€ 69,90**  
 Available: [www.amazon.in](http://www.amazon.in) | [www.morebooks.de](http://www.morebooks.de)



## FUNDED RESEARCH PROJECTS

- Title: “**Analysis of Microarray Data Using Artificial Intelligence Based Techniques**”  
 Role: **Principal Investigator**, Duration: 2 Years (**April, 2013 to March, 2015**)  
 Funding Agency: **University Grants Commission, India** (1.85 Lakhs)  
 Status: **Completed**
- Title: “**Machine learning-based methods for protein-protein interaction prediction**”  
 Role: **Principal Investigator**, Duration: 6 Months (**August, 2014 to Jan, 2015**)  
 Funding Agency: **Jamia Millia Islamia (under Innovative Research Activity)**, (1.0 Lakh)  
 Status: **Completed**

**PHD GUIDANCE**

S.No.	Name of the Scholars	Thesis Title	Status
1.	Abdul Manazir (Registered under Visvesvaraya PhD Scheme, DeitY, GOI)	Multi-Output Hybrid Genetic Programming Model for Efficient Prediction of Time Series Data	Ongoing
2.	Nisar Iqbal Wani	Connecting Transcriptional Regulatory Networks with miRNA Regulatory Modules: An Integrative Analysis of Gene Regulatory Networks	Ongoing
3.	Tarun Kumar Gupta	Learning and Optimization of ANN Architecture using Nature-Inspired Techniques for Bioinformatics Applications	Ongoing
4.	Almas Jabeen (Co-supervising with Dr. Nadeem Ahmad, Deptt. of Biosciences, JMI)	Statistical analysis of RNA Seq data for disease signature identification and drug discovery	Ongoing

**TALK/SEMINAR / PRESENTATION DELIVERED**

- [18] Delivered an invited lecture on **“Analysis of RNA-seq Data from Next-Generation Sequencing: Promises & Challenges”** in [7<sup>th</sup> International GastroIntestinal, Liver & Uro-Oncology Conference](#), Cairo, Egypt during May 10-115, 2018.
- [17] Delivered an invited lecture on **“Computational Analysis of RNA-seq Data: Opportunities & Challenges”** in [7<sup>th</sup> Annual International Ain Shams University Conference: Internationalization and Mobility](#), Cairo, Egypt during April 2-5, 2018.
- [16] Presented a paper **“Protein features identification for machine learning-based prediction of protein-protein interactions”** in International Conference on Information, Communication and Computing Technology (ICICCT-2017), New Delhi, on May 13, 2017.
- [15] Presented a paper **“Prediction of cardiovascular disease using ensemble learning”** in International Conference on Mathematics & Computer Science-2017 (ICMSC-2017), Bangalore, during February 16-18, 2017.
- [14] Delivered an invited lecture on **“Data Mining Applications in Management”** in one day seminar on ‘IT and Operations’, organized by Bharatiya Vidya Bhavan's Usha and Lakshmi Mittal Institute of Management, New Delhi on April 2, 2016.
- [13] Presented a paper **“M5 Model Tree and Gene Expression Programming for the Prediction of Metrological Parameters”** in IEEE 2015 International Conference on Computers, Communications, and Systems (ICCCS-2015), Kanyakumari, India during Nov 2-3, 2015.
- [12] Delivered an invited lecture on **“Data Storage and Analysis using MS-Access and Google Docs”** in ICSSR Training Program on ‘Research Methodology Course for Ph.D. Students in Social Sciences’, held at GIS Lab of the Department of Geography, Jamia Millia Islamia, New Delhi during March 13-24, 2015.
- [11] Presented a paper **“Ant Colony Optimization for Inferring Key Gene Interactions”** in 9th INDIACom-2015, 2nd International Conference on Computing for Sustainable Global Development, New Delhi during March 11-13, 2015.
- [10] Delivered a Ph.D. pre-submission seminar on **“Soft computing approaches for modelling biological networks”** at the Department of Computer Science, Jamia Millia Islamia on 29<sup>th</sup> January, 2014.
- [9] Presented a paper **“Reverse engineering of genetic regulatory networks using clustering technique”** in International Conference on Technological Advancement and Research (ICTAR-2013), Goa, India during December 18-19, 2013.
- [8] Delivered an invited lecture on **“Computational Systems Biology: Overview & Recent Developments”** in CEP Course on “Advances in Soft-Computational Technique for Image Processing for Defence Application” held at INMAS, DRDO, New Delhi during Oct 28 -Nov 1, 2013.
- [7] Presented a paper **“Reconstruction of gene regulatory network of colon cancer using information theoretic approach”** in 4<sup>th</sup> International Conference CONFLUENCE-2013, Noida during Sept 26-27, 2013.

- [6] Delivered an invited lecture on “**Artificial Intelligence Based Techniques for Weather Forecasting**” in UGC Sponsored National Conference on Education and Research Scenario of Mathematical and Computer Science, held at Raipur during Jan 29-30, 2013.
- [5] Presented a paper “**Soft Computing Approach for Modeling Genetic Regulatory Networks**” in 2<sup>nd</sup> International Conference on Artificial Intelligence, Soft Computing and Applications, Chennai during July 13-15, 2012.
- [4] Delivered a lecture on “**Bioinformatics Toolbox for Matlab**” in the Workshop on Bioinformatics Infrastructure & Frontiers (BIF’12) held during 13-14 March, 2012 at the Department of Computer Science, Jamia Millia Islamia.
- [3] Presented a paper “**A Comprehensive Study of CRM through Data Mining Techniques**” at the National Conference; NCCIST-2011 held on September 09, 2011 at Apeejay School of Management, New Delhi.
- [2] Delivered a presentation on “**How to write a research paper?**” at the Department of Computer Science, Jamia Millia Islamia during Pre-Ph.D. course work, 2011.
- [1] Delivered a presentation on “**Soft computing approaches for modelling biological networks: a literature review report**” at the Department of Computer Science, Jamia Millia Islamia on 11<sup>th</sup> May, 2011 for the partial fulfilment of Pre-Ph.D. course work.

## **SEMINARS / CONFERENCES / WORKSHOPS ATTENDED**

---

- [23] **1<sup>st</sup> 3-Weeks Refresher Course in Climate Change (Interdisciplinary)** at UGC-HRD Center, Jamia Millia Islamia, New Delhi [Feb 20 to Mar 14, 2017]
- [22] Attended one-day ‘**International Seminar on Cloud Computing and Distributed Systems**’ organized by Department of Computer Science, Jamia Millia Islamia, New Delhi, [December 30, 2016]
- [21] One-day ‘**National Seminar on Recent Trends in Computer Science**’ organized by Department of Computer Science, Jamia Millia Islamia, New Delhi, [March 30, 2016]
- [20] 3-days ‘**National Instructional Workshop on Cryptology**’ organized by Department of Computer Science, Central University of Rajasthan, [April 6-8, 2016]
- [19] TEQIP II Sponsored **One-Week FDP on Optimization Techniques using Nature Inspired Algorithms for Engineering Applications** at Rajasthan Technical University, Kota [Jan 19-23, 2015]
- [18] 110<sup>th</sup> **4-Weeks Orientation Programme** at Academic Staff College, Jamia Millia Islamia, New Delhi [Nov 11 to Dec 8, 2014]
- [17] 4<sup>th</sup> **3-Weeks Refresher Course in Basic Sciences (Interdisciplinary)** at Academic Staff College, Jamia Millia Islamia, New Delhi [May 12 to June 2, 2014]
- [16] International Conference Technological Advancement and Research (**ICTAR-2013**), Goa International Centre, Goa, India [December 18-19, 2013].
- [15] International Conference **CONFLUENCE-2013: The Next Generation Information Technology Summit**, Amity University, Noida [Sept 26-27, 2013].
- [14] **XXIV Annual Bioinformatics Coordinator’s Meeting** organized by **Department of Biotechnology**, Ministry of Science & Technology, Govt. of India at Lucknow [Feb.3-4, 2013].
- [13] **Faculty Development Program (FDP)** organized by **Tata Consultancy Services (TCS)** under Academic Interface Program at BVICAM, New Delhi [July 21, 2012]
- [12] **International Conference on Artificial Intelligence, Soft Computing and Applications (AIAA-2012)**, Chennai [July 13-15, 2012]
- [11] **International School on Networks in Biology, Social Science and Engineering** organized by IMI, Indian Institute of Science, Bangalore [July 02-11, 2012]
- [10] **Eight-weeks Indian Academy of Sciences (IASc-INSANA-SASI) Summer Research Fellowship Programme** and worked at IIT Bombay [May 01–Jun 30, 2012].
- [9] **Science Academies Workshop On Frontiers in Science & Engineering**, jointly organized by Indian National Science Academy (INSA) and University of Delhi [February 17-18, 2012]
- [8] Workshop on “**Green Computing/IT**” delivered by Prof. Sartaj Sahini organized by Faculty of Engg. & Tech., Jamia Millia Islamia [December 8, 2011]

- [7] National Conference on “**Challenges in Information Systems & Technology: Computational Techniques & Business Intelligence**” organized by Apeejay School of Management, New Delhi [September 09, 2011]
- [6] Symposium on “**R & D in Computer Science**” organized by Department of Computer Science, Jamia Millia Islamia, New Delhi [March 13, 2011]
- [5] Workshop on “**Emerging Trends in ICT- based Learning**” organized by CIT, Jamia Millia Islamia [21<sup>st</sup> March 2011]
- [4] National Conference on “**Sustainable Development and Management of Information Technology in Universities & Colleges (SUDMIT-2010)**” organised by Centre for Information Technology, Jamia Millia Islamia, New Delhi [March 25-26, 2010]
- [3] Conference on “**Sustainable Development and Management of Information Technology in Universities & Colleges**” organised by Centre for Information Technology, Jamia Millia Islamia, New Delhi [February 26-27, 2008]
- [2] Workshop on “**Web 2.0 in Education**” organised by Centre for Information Technology, Jamia Millia Islamia, New Delhi [Nov 4, 2008]
- [1] Workshop on “**IT for All**” organised by Centre for Information Technology, Jamia Millia Islamia, New Delhi [October 31 - Nov. 1, 2007]

## **RESEARCH FELLOWSHIPS / HONOURS**

---

- **Session Chair:** Chaired a technical session in DBT-BIF 6th National Workshop on Advances in Computational Biology & Bioinformatics (ACBB-2015) held at DCS, JMI during Feb 27-28, 2015.
- **Session Chair:** Chaired a technical session in UGC Sponsored National Conference on Education and Research Scenario of Mathematical and Computer Science, held at Raipur during Jan 29-30, 2013.
- **Session Chair:** Chaired a technical session in 2<sup>nd</sup> International Conference on Artificial Intelligence, Soft Computing and Applications, Chennai during July 13-15, 2012.
- Received **Indian Academy of Sciences (IASc-INSA-NASI) Summer Research Fellowship** for two months and worked at IIT Bombay during May 01 – June 30, 2012.

## **MEMBERSHIP OF PROFESSIONAL BODIES / COMMITTEES**

---

- **Life Member**, Computer Society of India (CSI) (Member ID: 01060359)
- **Life Member**, Soft Computing Research Society (SCRC).
- **Member**, Association for Computing Machinery (ACM) (Member ID: 8121039)
- **Member - National Advisory Committee**, UGC Sponsored National Conference on Education and Research Scenario of Mathematical and Computer Science, held at Raipur during Jan 29-30, 2013.
- **Conference Review Committees / PCM** – WeST-2013, AIAA-2013, ACITY-2013, [AISC-2014](#), [ICCSB-2014](#), [ICSC-2015](#), [ICIUS 2015](#), [AIAA-2015](#), [GTIE-2016](#), [ICGCET-2016](#), [INDIACom-2017](#), [ICICCT-2017](#), [ICICCT-2018](#).

## **INVITED REVIEWER**

---

- BMC Bioinformatics
- Briefings in Bioinformatics, Oxford University Press
- Current Bioinformatics, Bentham Science Publishers
- Computational Biology and Chemistry, Elsevier
- IET Systems Biology
- Intelligent Automation & Soft Computing, Taylor & Francis
- Neural Computing and Applications, Springer
- Advances in Electrical and Electronic Engineering, Czech Republic
- International Journal of Bioinformatics Research and Applications, Inderscience
- SpringerPlus, Germany
- Journal of Algorithms and Computational Technology, SAGE.

## COURSES TAUGHT

---

### Teaching Assignments:

#### Bioinformatics Courses

- Bioinformatics Fundamentals [M.Sc. Bioinformatics, 2011-12, 2012-13, 2015-16, 2016-17]  
[M.Sc. Biochemistry, 2014-15, 2015-16]
- Systems Biology [MSc Bioinformatics, 2016-17, Premasters 2017-18, ASU]
- Next-Generation Sequencing Data Analysis [Graduation – 4<sup>th</sup> Year, Ain Shams Univ. 2017-18]
- Structural Bioinformatics [Graduation – 3<sup>rd</sup> Year, Ain Shams Univ. 2017-18]

#### Computer Courses

- Programming & Problem Solving [M.Sc. Tech. I Yr., 2011-12-13-14-15-16]
- Object-oriented Programming [B.Sc. III Yr., 2010-11, MCA I Yr, 2011-12-13-14-15].
- Operating Systems [PGDCA, 2012-13, MCA II Yr. 2013-14, 2014-15, 2015-16]
- Website Designing & Management [PGDCA 2010-11, 2011-12, 2012-13, B.Sc. 2013-14]
- Advance Java / Internet Technologies [M.Sc. Tech II Yr., 2011-12, 2012-13, 2013-14, 2014-15]  
(J2EE) [MCA III Yr., 2012-13, 2014-15, 2015-16]

## OTHER ACADEMIC/ADMINISTRATIVE RESONSIBILITIES

---

- **Warden (Hostel)**, Hall of Boys' Residence – Campus 'B', Jamia Millia Islamia [Jul'2016-Jun'2017].
- **Coordinator, Departmental Library**, Department of Computer Science, JMI [Jul'2014-Sep'2017].
- **Convener**, Board of Studies/Department Faculty Committee, Department of Computer Science, JMI [May'2015-Sep'2017].
- **Coordinator**, Department Curriculum Committee [2016].
- **Member**, Board of Studies, Department of Computer Science, JMI since Dec'2010
- **Coordinator**, PGDCA Programme [Jul'2012 to Jul'2014]
- **Member**, Bioinformatics Research Facility [2011-2013]
- **Member**, Departmental Lab/Purchase Committee [2012-2013]
- **Member**, Departmental Examination Committee [2013]
- **Member**, Subject Association since [Mar'2011 to Feb'2016]
- **Member**, Moderation Committee for M.Sc. Bioinformatics, PGDCA and B.Sc.
- **Member** – Organizing Committee of Workshop on BIF'12 organized during Mar 13-14, 2012
- **Member**, Syllabus Design/Revision Committee for B.A./B.Sc. Credit-Based System, 2012
- **Document Verification Officer** during MCA/PGDCA admission [Jun 24-28, 2011]
- Nominated as "**Inspired Faculty**" of the Department, Jamia Millia Islamia.
- **Internal/External Examiner, Evaluator** – MCA, M.Sc.(Bioinformatics), M.Sc. Tech, PGDCA, B.Sc.
- **Manager – Table Tennis Team**, F/o Nature Sciences, JMI in 2015 & 2016 Inter-Faculty Tournament.
- **Co-Convener** – DBT-BIF 6<sup>th</sup> National Workshop on Advances in Computational Biology & Bioinformatics (ACBB-2015) held at DCS, JMI during Feb 27-28, 2015.
- **Tabulator**, Exam Branch, Jamia Millia Islamia.
- **Monitoring Observer**, DMAT-2015 Re-Examination, conducted by Admission & Fee Regulatory Committee (AFRC), Bhopal, M.P.
- **Member** – Hospitality Committee of Annual Convocation 2016, Jamia Millia Islamia.

## SOFTWARE ACADEMIC PROJECTS GUIDED

---

- Project guided at Post-Graduate level of various university like JMI, Jamia Hamdard, IGNOU, Amity University, Ain Shams University (Cairo) = 50, selected dissertation titles are available at [www.kraza](http://www.kraza)

## SOFTWARE TRAINING

---

- Undergone three months full-time software development training program using JAVA/J2EE/STRUTS from DUCAT Training Centre, Noida during Oct-Dec, 2006.

## PRACTICAL EXPERTISE

---

<b>Operating System</b>	UNIX, LINUX, MS-DOS, MS-Windows
<b>Web Development Tools</b>	J2EE (Servlet, JSP, EJB, JMS, CORBA), Struts, PHP, AJAX, Dreamweaver, Eclipse, etc.
<b>Web Servers/Containers</b>	Apache Tomcat, Web Logic, JBoss, WAMP/XAMP
<b>Databases</b>	Oracle, SQL Server, MySQL
<b>Programming Languages</b>	C, C++, J2SE, J2EE, Basics of Assembly & LISP Programming
<b>Graphics &amp; Animation Tools</b>	Photoshop, CorelDraw, Inkscape, Macromedia MX Flash
<b>Mathematical/Data Mining/ Machine Learning Tools</b>	Matlab, Weka, RapidMiner, Neuro Solutions, GPDotNet, GeneXProTools, SPSS, etc.,
<b>Bioinformatics Tools</b>	BLAST, EMBOSS, Clustal Omega, MEGA, Phylip, GNA, Cytoscape, Pymol, Galaxy, etc.

## PERSONAL DETAILS

---

Father's Name	Late Abdul Jabbar Quais
Mother's Name	Zulekha Khatoon
Marital Status	Single
Nationality/Sex	Indian/Male
Languages Known	English, Hindi & Urdu

## REFEREES

---

- **Prof. M. Sami**, *FASc, FNASc*.  
Director - Centre for Theoretical Physics, Dean - Faculty of Natural Sciences  
Jamia Millia Islamia, New Delhi-110025  
Tel. +91-11-26984830 | Email: [samijamia \[at\] gmail.com](mailto:samijamia[at]gmail.com)
- **Prof. Khurram Mustafa**  
Ex-Head, Department of Computer, Jamia Millia Islamia, New Delhi-110025  
Tel. +91-11-26981717 Extn. 3450 | Email: [kmfarooqi \[at\] yahoo.com](mailto:kmfarooqi[at]yahoo.com)
- **Prof. Khaled ElBahnasy**  
Professor & Vice Dean, Faculty of Computer & Information Sciences, Ain Shams University, Cairo, Egypt  
Email: [khaled.bahnasy \[at\] cis.asu.edu.eg](mailto:khaled.bahnasy[at]cis.asu.edu.eg)

Updated on July 16, 2018