

**Assistant Professor (Computer Science)**

Department of Mathematics

Jamia Millia Islamia (A Central University)

New Delhi, India

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E-mail: [akamal1@jmi.ac.in](mailto:akamal1@jmi.ac.in), [ah.kamal786@gmail.com](mailto:ah.kamal786@gmail.com)**CAREER OBJECTIVE**

Inclined towards a challenging and growth oriented career in academics and research where my aspiration towards learning, professional experience, academic background, and a commitment to excel would mutually complement the growth of the organization and myself.

**TEACHING & RESEARCH EXPERIENCE****University Teaching:** 09 Years (Taught Computer Science at both PG & UG levels)

▶ Pre Ph.D.: 07 Years

▶ Post Ph.D.: 02 Year

**Research (Post Ph.D.):** 02 Years**Research Area:** Data Mining, Sentiment Analysis & Opinion Mining, Natural Language Processing, and Machine Learning.**EMPLOYMENT HISTORY**

Designation	Employer's Name	Period	
		From	To
Assistant Professor (Computer Science)	Department of Mathematics, Jamia Millia Islamia, New Delhi, India	October, 2015	Present
Guest Lecturer (Computer Science)	Department of Mathematics, Jamia Millia Islamia, New Delhi, India	July, 2007	October, 2015

**ACADEMIC QUALIFICATIONS**

Degree	University	% Marks	Title/Subjects
Ph. D. (Computer Science)	Jamia Millia Islamia, New Delhi	Awarded	Mining Web Opinion Sources using Machine Learning Techniques
M. C. A.	IGNOU, New Delhi	67.4	Computer Applications
Post Graduate Diploma in Bioinformatics	Jamia Millia Islamia, New Delhi	76	Bioinformatics
B. Sc. (H) Computer	T. M. Bhagalpur University, Bhagalpur	74	Computer Applications
Intermediate	B. I. E. C., Patna	75	Physics, Chemistry & Mathematics
Matriculation	B. S. E. B., Patna	64.5	Common Core

## CERTIFICATION / DIPLOMA

Course	University/Institutions	% Marks
Diploma in Java/J2EE	DUCAT, Noida (An ISO 9001:2000 Training Company)	Not Applicable
I - Level (CST)	Conducted Jointly by C-DAC Bangalore and Navi Mumbai	76.0
Certificate in Computing	IGNOU, New Delhi	75.5

## COMPUTATIONAL SKILLS

Skills	Description
Platforms	Windows 98/2000/XP, Unix, Linux 7.1, MS-DOS
Programming Languages	Java, J2EE, C++, C, Cobol, Fortran, PHP 4.3.1
Databases	Oracle 8i, PostgreSQL 7.1, MySQL 3.23.47
Web/Applications Server	Apache 1.3.23, Tomcat 5.0.28, Web Logic 8.1
Development Tools	My Eclipse 3.1, Toad 7.6
Basic Software	MS-Office
Data Mining/Machine Learning Tools	Stanford Parser, Weka 3, Rapid Minor

## COURSES TAUGHT

- ▶ Data Structures [PG Level]
- ▶ Programming and Problem Solving Using 'C' [PG & UG Level]
- ▶ Object Oriented Programming using Java/C++ [PG Level]
- ▶ Object Oriented Analysis & Design [PG Level]
- ▶ Software Engineering [PG Level]
- ▶ Operating Systems [PG & UG Level]
- ▶ Analysis & Design of Algorithms [PG Level]
- ▶ Unix & Shell Programming [PG & UG Level]

## PROJECT GUIDENCE

### Under-Graduate & Post-Graduate Projects

- ▶ Under-Graduate: 06
- ▶ Post-Graduate: 20

## PROJECT EXPERIENCE

Project Name	A Database System for Analyzing Substrate Specificity of Protein
Client	Bioinformatics Centre, National Institute of Immunology (NII), Govt. of India, New Delhi
Duration	July 2003 to December 2003
Team Size	05 (1 Scientist, 3 Scholars and 1 Software Developer)
Project Description	The amino acids, which lines the active site pockets (three dimensional motifs) determine the substrate specificity of proteins. If a database of active site residues of protein with known substrate is maintained, one can predict substrate specificity of uncharacterized protein sequences. Modules such as dynamic form handling, access right authorization, schema processing, query and view processing have made this tool very helpful for Bioinformatics researchers, which he/she can attach to the predictive rules, so that query by the end-users can be easily and accurately answered.
Responsibility	Designing of database and user interface, involved in development coding, fixing bugs, unit & acceptance testing, peer review and documentation.

## CO-CURRICULAR ACTIVITIES

- ▶ **Member** – Academic(Invited Talks, Presentation of Papers) & Registration committee, International Conference on Recent Trends in Mathematics & its Applications (ICRTMA - 09), Department of Mathematics, Jamia Millia Islamia, New Delhi, India, March 30-31, 2009.
- ▶ **Event Judge** – Java Programming, Technical-cum-cultural festival ALGORHYTHM '09, Computer Society of India Student Chapter, Faculty of Engineering & Technology, Jamia Millia Islamia, New Delhi on March 14, 2009.

## OTHER ACADEMIC/ADMINISTRATIVE RESPONSIBILITIES

- ▶ **Teacher coordinator, Placement & Training** – Department of Mathematics, Faculty of Natural Sciences, Jamia Millia Islamia, New Delhi, since July, 2007.
- ▶ **In-charge**, Time table committee, Department of Mathematics Faculty of Natural Sciences, Jamia Millia Islamia, New Delhi, since November, 2015.
- ▶ **Member**, Board of Studies, Department of Mathematics Faculty of Natural Sciences, Jamia Millia Islamia, New Delhi, since October, 2015.
- ▶ **Member**, Course curriculum and syllabus design/revision committee for UG and PG programs under CBCS, Department of Mathematics Faculty of Natural Sciences, Jamia Millia Islamia, New Delhi, since November, 2015.
- ▶ **Member**, Department examination committee, Department of Mathematics Faculty of Natural Sciences, Jamia Millia Islamia, New Delhi, since November, 2015.
- ▶ **External/Internal Examiner, Evaluator** – M.Sc. Mathematics with Computer Science, M.Sc. Tech. (IMCA), MCA, BCA, PGDCA and B.Sc.

## TALK/SEMINAR/PRESENTATION DELIVERED

- ▶ Presented a paper **Statistical Features Identification for Sentiment Analysis using Machine Learning Techniques** in *IEEE International Symposium on Computational and Business Intelligence (ISCBI'13)*, New Delhi, August 24 - 26, 2013.

## PUBLICATIONS

### Book Chapter

- ▶ **Ahmad Kamal**, Muhammad Abulaish and Jahiruddin, **OntoLSA: An Integrated Text Mining System for Ontology Learning and Sentiment Analysis**, *Sentiment Analysis and Ontology Engineering: An Environment of Computational Intelligence*, **Springer**, ISBN 978-3-319-30319-2, 978-3-319-30317-8, DOI 10.1007/978-3-319-30319-2, 2016 (To appear).

### International Journal

- ▶ **Ahmad Kamal**, **Review Mining for Feature Based Opinion Summarization and Visualization**, *International Journal of Computer Applications*, 119(17), pp. 6-13, 2015.
- ▶ **Ahmad Kamal**, **Subjectivity Classification using Machine Learning Techniques for Mining Feature-Opinion Pairs from Web Opinion Sources**, *International Journal of Computer Science Issues*, 10(5), pp. 191-200, 2013.

## International Conference

- ▶ **Ahmad Kamal** and Muhammad Abulaish, **Statistical Features Identification for Sentiment Analysis using Machine Learning Techniques**, In: *Proceedings of the International Symposium on Computational and Business Intelligence (ISCBI'13)*, IEEE, pp. 178-181, Aug. 24-26, 2013.
- ▶ **Ahmad Kamal**, Muhammad Abulaish and Tarique Anwar, **Mining Feature-Opinion Pairs and their Reliability Scores from Web Opinion Sources**, In: *Proceedings of the 2<sup>nd</sup> International Conference on Web Intelligence, Mining and Semantics (WIMS'12)*, ACM, pp. 15:1-15:7, June 13-15, 2012.

## REFERENCES

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| <b>1. Prof. Muhammad Abulaish</b><br>Department of Computer Science<br>Jamia Millia Islamia (A Central University)<br>New Delhi, India – 110 025<br>(E-mail: <a href="mailto:abulaish@ieee.org">abulaish@ieee.org</a> ) | <b>2. Prof. Tanvir Ahmad</b><br>Head, Department of Computer Engineering<br>Jamia Millia Islamia (A Central University)<br>New Delhi, India – 110 025<br>(E-mail: <a href="mailto:tahmad2@jmi.ac.in">tahmad2@jmi.ac.in</a> ) |
| <b>3. Prof. Abdul Wafi</b><br>Head, Department of Mathematics<br>Jamia Millia Islamia (A Central University)<br>New Delhi, India – 110 025<br>(E-mail: <a href="mailto:awafi@jmi.ac.in">awafi@jmi.ac.in</a> )           | <b>4. Prof. Mohd. Hasan Shahid</b><br>Department of Mathematics<br>Jamia Millia Islamia (A Central University)<br>New Delhi, India – 110 025<br>(E-mail: <a href="mailto:mshahid@jmi.ac.in">mshahid@jmi.ac.in</a> )          |

*Dr. Ahmad Kamal*