

**Dr. Jamal Abdul Nasir**

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University, Islamabad

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## RESEARCH INTERESTS

Text Mining, Spatio-temporal kernels

## EDUCATION

Years	Degree	Name of Institution
2018	Fellowship	Royal Melbourne Institute of Technology, Melbourne
2014	PhD Computer Science	Lahore University of Management Sciences, Lahore
2009	MS Computer Science	Lahore University of Management Sciences, Lahore

## WORK EXPERIENCE

- **Assistant Professor**, 13-08-2014 to onward (4.5 years)

## COURSE TEACHING

### Undergraduate Level

- Introduction to Database Systems
- Artificial Intelligence
- Introduction to Computing

### Graduate Level

- Data Mining
- Machine Learning

## PUBLICATIONS (year wise, from latest)

- **[Journal-4]** Wahab Khan, Ali Daud, Jamal Abdul Nasir, Tehmina Amjad, Scahi Arafat, Naif Aljohani, and Fahad Alotaibi. “Urdu Part of Speech Tagging Using Conditional Random Fields”. **Language Resources and Evaluation**, Springer Nature B.V, **2018 (IF: 0.656)**
- **[Journal-3]** Jamal Ahmad Khan, Ali Daud, Jamal Abdul Nasir, Naif Aljohani, Rabeeh Ayaz Abbasi, Jalal S. Alowibdi. “Latent Dirichlet Allocation and POS Tags Based Method for External Plagiarism Detection”. **International Journal on Semantic Web and Information Systems (IJSWIS)**, **2018. (IF: 1.5)**
- **[Journal-2]** Ali Daud, Waqas Ahmed, Tehmina Amjad, Jamal Abdul Nasir, Naif Radi Aljohani, Rabeeh Ayaz Abbasi, Ishfaq Ahmed. “Who will cite you back? Reciprocal Link Prediction in Citation Networks”, **Library Hi Tech**, **2017. (IF: 0.79)**

- **[Journal-1]** Jamal Abdul Nasir, I. Varlamis, Asim Karim, and George Tsatsaronis, "Semantic Smoothing for Text Clustering", **Knowledge Based Systems**, Elsevier Direct Journal, **2013**, (IF: **3.058**)
- **[Conference-3]** Jamal Abdul Nasir, N. Goernitz, U. Brefeld, "An Off-the-shelf Approach to Authorship Attribution". Conference on Computational Linguistics (**CoLing**), **2014**
- **[Conference-2]** E. Tzouridis, Jamal Nasir, U. Brefeld, "Learning to Summarise Related Sentences". Conference on Computational Linguistics (**CoLing**), **2014**
- **[Conference-1]** Jamal Abdul Nasir, Asim Karim, George Tsatsaronis, and I. Varlamis, "A Knowledge-based Semantic Kernel for Text Classification", 18th International Symposium on String Processing and Information Retrieval (**SPIRE**), **2011**

## **PROJECTS**

### **Principal Investigator**

- Higher Education Commission, 'Uplift Modelling for Cancer Patients Data', 2015
- Ignite, Undergraduate Final Year Projects, 2016
- Ignite, Undergraduate Final Year Projects, 2017
- Quarrio Inc, 'NLP interfaces for Databases', 2017
- Higher Education Commission, Collaborative Research Program, 2018

## **THESIS SUPERVISED**

### **Master of Computer Science**

#### **2019**

- Neelum Inam "Query Focused Multi-Document Summarization by using Semantic Similarity and Sentence Simplification"

#### **2018**

- Sahil Imtiaz "Quantum Adiabatic Evolution for Global Optimization in Big Data"
- Hafsa Ahmed "Balancing Imbalanced Traffic Accidents Datasets Using Semi Supervised Anomaly Detection and Multiple Kernel Learning Approach"
- Sidra Sherazi "Text classification using multiple kernel learning Approach"

#### **2017**

- Iqra Mueen "Keyword Extraction on Twitter by using MKL"
- Sabina Irum "Multi-Document Summarization: Topic Modeling and Density Peak Algorithm Approach"
- Samreen Ishfaq "A Knowledge Based Semantic Framework for Query Expansion"

### **Bachelor of Computer Science**

#### **2018**

- Muhammad Asad, Asad Farooq (Road Radar Pakistan)
- Alamgir Munir, Zunnurain (Kolaboard: A real time collaboration platform for students)
- Faraz, Muhammad Suleman (Biometric Voting System)
- Haseeb-ur-Rehman (Brand Sales App)
- Qalb Hussain, Hafiz Asim (Khana- Homemade Food App)
- Ans Saeed, Farrukh Tanveer (Cricketo)

**2017**

- Muhammad Asad, Asad Farooq (Road Radar Pakistan)
- Alamgir Munir, Zunnurain (Kolaboard: A real time collaboration platform for students)
- Faraz, Muhammad Suleman (Biometric Voting System)
- Haseeb-ur-Rehman (Brand Sales App)
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- Ans Saeed, Farrukh Tanveer (Cricko)

**ACADEMIC ACTIVITIES****Departmental**

- Incharge Oracle Academy

**Conference Presentations**

- CoLing 2014
- SAICON 2018

**Paper Reviewer**

- **Journals**
  - Elsevier Knowledge Based Systems (KBS), IEEE Access
- **Conferences**
  - 2018: INTAP
  - 2017: FIT