# Dr Mudasir Mohd

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| <span>CONTACT INFORMATION</span> | Department of Computer Science, South Campus, University of Kashmir Hazratbal, Srinagar, J&K India |

*E-mail :*mudie.mohammad@gmail.com, mudasir.mohammad@kashmiruniversity.ac.in
*Tel :*(M) +91-7006677698
WhatsApp *+91-9469808417*

PERSONAL INFORMATION

*Nationality :* Indian
*Marital status :* Married

RESEARCH INTERESTS

Text Analytics, Emotion Analysis, Sentiment Analysis, Human-Computer Interaction, Text Summarization, and Low-Recourse Language Processing.

EDUCATION

**University of Kashmir, Srinagar, Kashmir**, India
- Ph.D., Computer Science , April 2019
  - Thesis Topic : *Leveraging Spatio-Temporal data for event analysis under map-reduce framework*
  - Keywords : Emotion detection, Supervised learning
  - Area of Specialization : Human-Computer interaction

**Indian Institute of Information Technology, Bhubneshwar**, India
- M.Tech., Computer Science and Engineering , July 2012
  - Thesis Topic : *Emotion analysis of Twitter data stream*
  - C.G.PA : *8.34/10.00*
  - Keywords : Emotion detection, Supervised learning
  - Area of Specialization : Human-Computer interaction

**National Institute of Electronics & Information Technology (NIELIT), (erstwhile DOEACC Society)**, India

MCA., CASET College of Computer Sc's and Engineering, J&K, India
Computer Application, December 2008
- Grade : B - (65-75)%
- Area of Specialization : Programming and Algorithm
- Project : Real-Time Object Tracking

AWARDS

- 1st prize winner : On the Spot programming contest held by our College, year 2005
- Qualified All India Graduate Aptitude Test for Engineers with 95.84 percentile in the year 2010.
- Qualified University Grants Commission's(India) National Eligibility test for lectureship, year 2012.
- Received best paper award for *Hybrid Text Summarization : A survey* in the second international conference on Soft Computing Theories and Applications (SoCTA) 2017, Bhundelkhand University, U.P, India
- Ministry of Human Resource Development, Govt of India scholarship for pursuing my post-graduate studies

Publications     Mahira Kirmani, Dr Gagandeep Kaur, Dr Mudasir Mohd, " *ShortMail : An email summarizer system", Software Impacts. Elsevier*, ISSN : 2665-9638. **IF : 2.1**.

Mudasir Mohd, Sahiba, Mohsin Altaf Wani, Hilal Ahmad, Umar Bashir Mir, And Sheikh Nasrullah " *poliWeet- Election prediction tool using tweets", Software Impacts. Elsevier*, ISSN : 2665-9638. **IF : 2.1**.

Mahira Kirmani, Dr Gagandeep Kaur, Dr Mudasir Mohd, " *Biomedical Semantic Text Summarizer", BMC Bioinformatics. Springer Nature*, ISSN : 2041-1480. **IF : 3.62**.

Mudasir Mohd, Mehnaz Khan, "Bootstrapping for Supervised Learning", *International Journal of Information Management Data Insights*, Elsevier. ISSN : 2667-0968 (Paper Accepted).

Mudasir Mohd, Sahiba Jan, Nowsheena Bhat, Mohsin Altaf Wani, Hilal Ahmad, "Sentiment analysis using Lexico-Semantic Features." *Journal Of Information Sciences, Sage Publication.* ISSN : 1741-6485. **IF : 2.462**.

Mudasir Mohd, Rafiya Jan, Muzaffar Shah, "Text Document Summarization using Word Embedding", *"Expert Systems with Applications"*, Elsevier, volume 143, ISSN : 0957-4174. **IF : 8.665**.

Mudasir Mohd, Rafiya Jan, Nida Hakak, "Enhanced Bootstrapping Algorithm for Automatic Annotation of Tweets", *International Journal of Cognitive Informatics and Natural Intelligence (IJCINI)*, IGI Global, Volume 14, Issue 2, ISSN : 1557-3958. **IF : 0.665**.

Dr. Mudasir Mohd, Dr Rana Hashmy "Opinions mining of Twitter events using spatial-temporal features". "Journal of Artificial Intelligence Research and Advances", eISSN : 2395–6704 Vol. 5 Issue2.

Balabantaray, RC Mohd, Mudasir and Sharma, Nibha. Multi-class Twitter emotion classification : A new approach *Journal of Applied Information Systems, vol 4, number 1, pages 48–53, year 2012,*
ISSN ::2249-0868..

Sharma, Nibha and Mohd, Mudasir and Mohapatra, Anjali. Solving Sparse Rating Problem Using Fine-Grained Approach *International Journal on Computer Science and Engineering. Vol.4, No. 6, 2012,*
ISSN ::2229-5631.

Mohd, Mudasir and Shah, Muzaffar Bashir and Bhat, Shabir Ahmad and Kawa, Ummer Bashir and Khanday, Hilal Ahmad and Wani, Abid Hussain and Wani, Mohsin Altaf and Hashmy, Rana, Sumdoc : A Unified Approach for Automatic Text Summarization *Proceedings of Fifth International Conference on Soft Computing for Problem Solving,pages 333–343,year 2016, Publisher : Springer*
ISBN ::978-93-82288-54-1.

Nida Manzoor Hakak, Mohsin Mohd, Mahira Kirmani, Mudasir Mohd, Emotion analysis : A survey *Proceedings of in IEEE International Conference on Computer, Communications, and Electronics 2017 : Publisher : IEEE Explore*
ISBN ::978-1-5090-4708-6.

Mudasir Mohd and Rana Hashmy, Question Classification Using a Knowledge-Based Semantic Kernel *Proceedings of SoCTA (Soft Computing : Theories and Applications) 2016, Volume 1, Publisher : Springer*
ISBN ::`978-981-10-5686-4`.

Iram Khurshid Bhat, Mudasir Mohd, Rana Hashmy, SumItUp : A Hybrid Single-Document Text Summarizer *Proceedings of SoCTA (Soft Computing : Theories and Applications) 2016, Volume 1, Publisher : Springer*
ISBN ::`978-981-10-5686-4`.

Nida, H., Mahira, K., Mudasir, M., Mudasir Ahmed, M., & Mohsin, M. (2019). Automatic emotion classifier. In Progress in Advanced Computing and Intelligent Engineering (pp. 565-572). Springer, Singapore.

Kirmani, M., Manzoor Hakak, N., Mohd, M., & Mohd, M. (2019). Hybrid text summarization : a survey. In Soft Computing : Theories and Applications (pp. 63-73). Springer, Singapore.

CONFERENCES ATTENDED
Presented paper(oral) *"Issues related to the Library and Information Science Profession in the North-Western Region of India"*, on *"Event detection and Propagation on Twitter"*, organized by *Department of Library and Information science, University of Kashmir*, from 24-04-2015 to 25-04-2015 Authors : Mudasir Mohd and Dr. Rana Hashmy

Presented a paper (oral) in "Socpros 2015", on *"Sumdoc : A Unified Approach for Automatic Text Summarization", organized by IIT Rorkee*, from 18-12-2015 to 20-12-2015 Authors : Mudasir Mohd, Muzafar Bashir, Umeer Bashir, Hilal Ahmad Khanday, Abid Hussain Wani, Mohsin Altaf Wani and Dr. Rana Hashmy

Presented a paper (oral) *Emotion analysis : A survey* in IEEE International Conference on Computer, Communications, and Electronics 2017, organized by MNIT Jaipur.

Presented a paper on *Question Classification Using a Knowledge-Based Semantic Kernel*, in Soft Computing Theories and Applications (SoCTA) 2016, Amity University, December 28-30 2016, Jaipur, Rajasthan

Presented a paper on *SumItUp : A Hybrid Single-Document Text Summarizer*, in Soft Computing Theories and Applications (SoCTA) 2016, Amity University, December 28-30 2016, Jaipur, Rajasthan.

Presented a paper on *Automatic Emotion Classifier* in 2nd International Conference on Advanced Computing and Intelligent Engineering 23-25 November 2017, Central University of Rajasthan, Ajmer, India

Presented a paper on *Hybrid Text Summarization : A survey* in the second international conference on Soft Computing Theories and Applications (SoCTA) 2017, Bhundelkhand University, U.P, India

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| Workshops | *Graphs workshop, IIIT Bhubneshwar* , Odhisa, India, March 2012 |
| | *Latest trends in Information Security*, Department of Computer Science Islamic University Of Science And Technology Awantipora Kashmir, J&K India, May 2014. |
| | *Scholarly Writing & Intellectual Ethics*, Central university of Kashmir and Elsevier, India |
| | *Social Media Competitions*, Department of Computer Science, South Campus, University of Kashmir |
| Trainings & Summer Schools Academic & Research Experience | 64th General Orientation Course, 17-02-2014 to 17-03-2014, UGC-Academic Staff College, University of Kashmir, Hazratbal, Srinagar-190006 |

**University of Kashmir**, Srinagar, India

*Assistant Professor*  **August 2013 to Till Date**
- Responsible for teaching post-graduate students
- Developed laboratory exercises and supplementary material for the courses.
- Design and framing syllabus for the course.

**CASET College of Computer Science & Engineering**, Srinagar, India

*Lecturer*  **September 2008 to July 2010**
- Responsible for teaching graduate and post-graduate students
- Developed laboratory exercises.
- System Administrator.

**Indian Institute of Information Technology**, Bhubaneshwar, India

*Teaching Assistant*  **September 2009 - June 2011**
- Assisted in Java, C, and Database labs
- Provided in-class support to graduate engineering students
- Graded daily assignments and laboratory exercises
- Preparation of lecture slides and other course material

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| Professional Experience | **SimplyPhi**, Banglore, India |

*Software Engineer*  **December 2011 to July 2012**
- Sentiment Analysis of documents
- Crawling websites and storing the extracted data in databases
- Recommender systems using MAHOUT
- Code optimization and code reviews

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| Hardware and Software Skills | Programming Languages : |

- C, C++, Java, Python, Matlab
  Software Packages :

- Spark, Tensorflow, pytorch, keras

Productivity Applications :
- $\TeX$ (L$^A$T$_E$X, B$_{IB}$T$_E$X, LyX, PSTricks), JabRef, Mendeley most common productivity packages (for Windows and Linux platforms)

Operating Systems :
- Microsoft Windows family, Linux (and other UNIX variants)