# Mayank Singh

✉ singh.mayank@iitgn.ac.in
✉ mayank4490@gmail.com
Ⓢ mayank.kush1
Ⓖ IITGN faculty profile page
✆ +91-9932073493

## CURRENT AFFILIATION

**Assistant Professor**
Department of CSE
IIT Gandhinagar
Feb. 2019 - till date

## EDUCATION

**Doctor of Philosophy(PhD)**
IIT Kharagpur, 2013–2019

**Bachelor of Technology**
IIT Jodhpur, 2008–2012

## RESEARCH INTERESTS

Text Mining, NLP, ML, Complex
networks, Information science

## JOB EXPERIENCE

**Infosys Limited, Hyderabad**
Technology Analyst, BI
Aug 2012–May 2013

## FUNDED PROJECTS

**SERB-DST**
Scholarly information extraction from
comparative charts and tables
Sanctioned Amount: $38,000
Duration: 2019–2022

**Ministry of Culture**
Gandhipedia: A one-stop AI-enabled
portal for browsing Gandhian
literature, life-events and his social
network
Sanctioned Amount: $763,900
Duration: 2019–2024

## PROMINENT CONFERENCE PUBLICATIONS

Identification, Tracking and Impact: Understanding the trade secret of
catchphrases
Jagriti Jalal, Mayank Singh, Arindam Pal, Lipika Dey and Animesh
Mukherjee
JCDL 2020

PredCheck: Detecting Predatory Behaviour in Scholarly World
Manas Satish Bedmutha, Kaushal Modi, Kevin Patel, Naman Jain and
Mayank Singh
Posters, JCDL 2020

Gandhipedia: A one-stop AI-enabled portal for browsing Gandhian
literature, life-events and his social network
Atharva Vyas, Heer Ambavi, Sayantan Adak, Shivam Patel, Pritam
Kadasi, Mayank Singh and Animesh Mukherjee
Demonstrations, JCDL 2020

Scientific Keyphrase Extraction and Classification
Ayush Garg, Sammed Kagi and Mayank Singh
Demonstrations, JCDL 2020

NLPExplorer: Exploring the Universe of NLP Papers
Monarch Parmar, Naman Jain, Pranjali Jain, Jayakrishna Sahit, Soham
Pachpande, Shruti Singh, Mayank Singh
Demonstrations, ECIR 2020

The Evolving Ecosystem of Predatory Journals: A Case Study in Indian
Perspective
Naman Jain, Mayank Singh
ICADL, 2019

The rise and rise of interdisciplinary research: Understanding the
interaction dynamics of three major fields - Physics, Mathematics & CS
Rima Hazra, Mayank Singh, Pawan Goyal, Bibhas Adhikari, Animesh
Mukherjee
ICADL, 2019

BioGen: Automated Biography Generation
Heer Ambavi, Ayush Garg, Ayush Garg, Nitiksha, Mridul Sharma,
Rohit Sharma, Jayesh Choudhari, Mayank Singh
JCDL 2019, Urbana-Champaign, USA

## ONLINE PROJECTS

**NLPExplorer**
Accepted at ECIR 2020

**Agribot**
Accepted at ICSTEMVG 2019

**OCR++**
Accepted at COLING 2016

**PubIndia**
Accepted at WOSP 2015

## ACADEMIC ACTIVITIES

**PC member**
CoDS-COMAD YRS 2018 and 2019, NAACL-HLT (Demo Track) 2019, COLING 2018 and ICON 2018

**TPC member**
ParLearning 2019 at SIGKDD-2019, MIND-2019

**Steering Committee Member**
IndiaArxiv

**Reviewer**
PLOS ONE, Journal of Informetrics, CIKM

## INVITED TALKS

**WIDH and CLSTL, 2019**
IIT Gandhinagar

**WAIU, 2017**
Indian Institute of Science

**North-Western University, 2015**
Dept. of Biomedical NLP/Informatics

---

Automated Early Leaderboard Generation From Comparative Tables
Mayank Singh, Rajdeep Sarkar, Atharva Vyas, Pawan Goyal, Animesh Mukherjee, Soumen Chakrabarti
ECIR 2019, Cologne, Germany

IIT Gandhinagar at SemEval-2019 Task 3: Contextual Emotion Detection Using Deep Learning
Arik Pamnani, Rajat Goel, Jayesh Choudhari, Mayank Singh
SemEval 2019, Minneapolis, USA

CL Scholar: The ACL Anthology Knowledge Graph Miner
Mayank Singh, Pradeep Dogga, Sohan Patro, Dhiraj Barnwal, Ritam Dutt, Rajarshi Haldar, Pawan Goyal, Animesh Mukherjee
Demo, NAACL 2018, New Orleans, USA

Relay-Linking Models for Prominence and Obsolescence in Evolving Networks
Mayank Singh, Rajdeep Sarkar, Pawan Goyal, Animesh Mukherjee, Soumen Chakrabarti
KDD 2017, Halifax, Canada

Understanding the Impact of Early Citers on Long-Term Scientific Impact
Mayank Singh, Ajay Jaiswal, Priya Shree, Arindam Pal, Animesh Mukherjee, Pawan Goyal
JCDL 2017, Toronto, Canada

Citation sentence reuse behavior of scientists: A case study on massive bibliographic text dataset of computer science
Mayank Singh, Abhishek Niranjan, Divyansh Gupta, Nikhil Angad Bakshi, Animesh Mukherjee, Pawan Goyal
JCDL 2017, Toronto, Canada

OCR++: A Robust Framework For Information Extraction from Scholarly Articles
Mayank Singh, Barnopriyo Barua, Priyank Palod, Manvi Garg, Sidhartha Satapathy, Samuel Bushi, Kumar Ayush, Krishna Sai Rohith, Tulasi Gamidi, Pawan Goyal, Animesh Mukherjee
COLING 2016, Osaka, Japan

FeRoSA: A faceted recommendation system for scientific articles
Tanmoy Chakraborty, Amrith Krishna, Mayank Singh, Pawan Goyal, Niloy Ganguly, Animesh Mukherjee
PAKDD 2016, Auckland, Newzealand

The role of citation context in predicting long-term citation profiles: an experimental study based on a massive bibliographic text dataset
Mayank Singh, Vikas Patidar, Suhansanu Kumar, Tanmoy Chakraborty, Animesh Mukherjee, Pawan Goyal
CIKM 2015, Melbourne, Australia

ConfAssist: A Conflict resolution framework for assisting the categorization of Computer Science conferences [Poster]
Mayank Singh, Tanmoy Chakraborty, Pawan Goyal, Animesh Mukherjee
JCDL 2015, Tennessee, USA

## AWARDS

**Early Career Research Award 2019**
Agency: DST-SERB, India.

**Gandhian Young Technological Innovation (GYTI), 2017**
Agency: Society for Research and Initiatives for Sustainable Technologies and Institutions (SRISTI), India

## JOURNAL PUBLICATIONS

Analysis of Reference and Citation Copying in Evolving Bibliographic Networks
Pradumn Kumar Pandey, Mayank Singh, Pawan Goyal, Animesh Mukherjee, Soumen Chakrabarti
Journal Of Informetrics, 2020

MSP-N: Multiple Selection Procedure with 'N' Possible Growth Mechanisms
Pradumn Kumar Pandey, Mayank Singh
PLOS ONE, 2019

Is this conference a top-tier? ConfAssist: An assistive conflict resolution framework for conference categorization
Mayank Singh, Tanmoy Chakraborty, Animesh Mukherjee, Pawan Goyal
Journal Of Informetrics, 2016