

# Swapnil MANE

## Doctoral Research Scholar | Indian Institutes of Technology Jodhpur

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Department of Computer Science and Engineering, Indian Institute of Technology Jodhpur, 342037

Current CGPA: 8.60

I am working in the research group SoNAA: Social Network Analysis and Application, led by Dr. Suman Kundu at IITJ. Currently pursuing doctoral research to detect, analyze and tackle cyber-aggressive behavior on Indian social media



### PROJECTS

- Multilingual ngram-based convolutional network for aspect category detection in online reviews*  
Multilingual Reviews Aspect Category Jan 2022 - Apr 2022
- Knowledge Distillation: Aggression Detection Using Mini BERT*  
Aggression Detection BERT NLP Jan 2022 - Apr 2022
- KnowldgeNet Relationship Classification Using a Pre-trained Model*  
Relationship Classification Entity NLP Jan 2022 - Apr 2022
- Analysis of Author's Abusive Behaviour Community on Twitter*  
Author Profiling Abusive Speech SNA Aug 2021 - Nov 2021
- Contextual Journal Recommendation and Query Search Engine Using Word Embedding*  
Context Vector Recommendation NLP Aug 2021 - Oct 2021
- Polarity based Sarcasm Detection using Semigraph*  
Sarcasm Detection Semigraph NLP Aug 2020 - Mar 2021
- Thematic context vector association based on event uncertainty for twitter*  
Context Vector Twitter NLP Jul 2020 - Aug 2020
- Effective Feature Extraction for Intrusion Detection System using Non-negative Matrix Factorization and Univariate analysis*  
Effective Feature extraction IDS Jul 2020 - Nov 2020

### JOURNALS AND CONFERENCES

- 2021 Mane S., Khatavkar V., Researchers eye view of sarcasm detection in social media textual content, International Journal of Creative Research Thoughts (IJCRT), ISSN:2320-2882, Volume.9, Issue 8, pp.150-157, August 2021.
- 2021 Mane S., Khatavkar V., Researchers eye-view of sarcasm detection in social media textual content. In International Conference on Computing and Applied Engineering (ICCAE2021) [Presented]
- 2021 Mane S., Khatavkar V., Effective feature extraction for intrusion detection systems using non-negative matrix factorization and univariate analysis. In International conference SACAIM 2021 [Presented]

### CERTIFICATIONS

- 2021 Applied Natural Language Processing, NPTEL
- 2021 Deep Learning, NPTEL
- 2018 Data Science Professional, Coursera
- 2018 NLP - Natural Language Processing with Python, Udemy
- 2018 Python for Data Science and Machine Learning Bootcamp, Udemy
- 2018 Prepare Manuscript, Elsevier
- 2018 Python (Basic), HackerRank
- 2018 Data Science using Python, MITU Skillologies
- 2018 Programming, Data Structure And Algorithms Using Python, NPTEL

### REFERENCES

- Dr. Suman Kundu, Assistant Professor, CSE, IIT Jodhpur @ suman@iitj.ac.in
- Dr. Rajesh Sharma, Associate Professor, CSE, University of Tartu, Estonia @ rajesh.sharma@ut.ee
- Dr. Lipika Dey, Chief scientist, TCS Research and Innovation @ lipikadey@gmail.com

### EDUCATION

#### M.Tech - Computer Engineering

College Of Engineering, Pune (COEP).

2019 - 2021

CGPA: 8.60

#### B.Tech - Computer Science and Engineering

Rajarambapu Institute of Technology (RIT), Islampur.

2015 - 2019

CGPA: 7.22

### EXPERIENCE

#### Indian Institute of Technology, Jodhpur

##### Teaching Assistant

August 2021 - Present

#### Keydabra Inc.

Data Scientist Engineer, Atlanta, U.S.

April 2021 - July 2021

#### College of Engineering, Pune

##### Teaching Assistant

August 2019 - July 2021

#### OneDot Enterprises Private Limited

##### Data Science Intern

June 2020 - August 2020

### AWARDS AND RECOGNITIONS

#### 2019 Excellence Award

Department of Computer Science and Engineering, RIT among 120 students

#### 2019 Best Student of the Year Award

RIT among 1000 students

#### 2018 First in coding competition

CODE-IT, PVPIT

#### 2018 Best Drama Director Award

Purushottam Karandak Kolhapur division, maharashtra

### ACTIVITIES AND MEMBERSHIPS

- 2022 Member of Institution of Engineering and Technology (IET) Pune.
- 2021 Talk on "Basics of Machine Learning" Pimpri Chinchwad Polytechnic College Pune.
- 2019 Student cultural representative Rajarambapu Institute of Technology Islampur.
- 2020 Member of Indian Society for Technical Education (ISTE) Pune.