

# ARUN CHAUHAN



Assistant Professor, Department of Computer Science and Engineering,  
**Indian Institute of Information Technology Dharwad, Karnataka,**  
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## Research Interests

Machine Learning, Data Mining, Social Media Analytics.

## Employers

### **Birla Institute of Technology and Science, Pilani**

Assistant Professor, Department of Computer Science and Information Systems  
(February 2017 – November 2017)

University website: <http://www.bits-pilani.ac.in/pilani/computerscience/ComputerScience>

### **IIIT Dharwad, Karnataka**

Assistant Professor (**On Contract**), CSE (Aug 2016 – Jan 2017)

University website: <http://iiitdwd.ac.in/>

### **IBM Watson, Bangalore**

Internship (May 2014 – May 2015)

Mentor: Dr. Krishna Kummamuru

### **Graphic Era University, Dehradun**

Assistant Professor-CSE (June 2010 – Dec 2012)

University website: <http://www.geu.ac.in>

### **Graphic Era Institute of Technology, Dehradun**

Assistant Professor-CSE (Aug 2007 – May 2008)

University website: <http://www.geu.ac.in>

## Education

**Jan 2013 – Dec 2016 :**

**Indian Institute of Technology, Roorkee**

PhD candidate, Computer Science and Engineering

Adviser: Dr. Durga Toshniwal.

Cumulative Performance Index: 8.5 (on a scale of 10).

Topic: Prediction for Recommendation of Places of Visit Using Microblogs

**2008-2010:**

**Indian Institute of Technology, Kharagpur**

Master of Technology (M. Tech.) in School of Information Technology

Cumulative Performance Index: 8.29 (on a scale of 10)

Adviser: Dr. K. S. Rao

Topic: Emotion recognition using Linear Prediction residual.

**2003-2006:**

**Institute of Integral Technology, Lucknow**

Affiliated to Uttar Pradesh Technical University

Bachelor of Technology (B.Tech) in Information Technology

Division: First

## Other Relevant Information

- **GATE 2008**- All India Rank: 56
- Participated in **Faculty enablement program** at **Infosys, Chandigarh** from 20-24 June 2011.
- **MHRD Fellowship** for M.Tech, 2008-10.
- **MHRD Fellowship** for PhD, 2013-2016.
- **Best Paper Award** in International workshop on Machine Learning and Text Analytics, 2013.
- **Best Presentation award** at Xerox Research Center India (XCRI) open 2016.
- **Convener**, Short Term Training Program on Machine Learning from 27 - 31 Jan 2018 at KLE, Hubli, Karnataka..
- **Invited Speaker** at National Institute of Technical Teachers' Training and Research, Kolkatta from 19-23 Feb, 2018.
- **Invited Speaker** at Poojya Dooddappa Appa, College of Engineering, Gulbarga, Karnataka from 4-9 April, 2018.
- **Invited Speaker** at Indian Institute of Technology, Roorkee, Uttrakhand from 4-7 June, 2018.

## Papers

### Journals:

**Arun Chauhan**, Krishna Kummamuru, and Durga Toshniwal, "Prediction of Places of Visit using Tweets", in Knowledge and Information Systems, Volume 50, Issue 1, \_pp 145-166 Springer, 2016. Digital Object Identifier : 10.1007/s10115-016-0936-x  
(SCI Impact Factor: 2.004)

Vijay, Pinky, Joyeeta, **Arun Chauhan**, Basudeb, "An optimized feature selection technique based on incremental feature analysis for biometric gait data classification" , Multimedia Tools and Applications , Volume 76, Issue 22, \_pp 24457-75 Springer 2016. Digital Object Identifier:10.1007/s11042-016-4110  
(SCI Impact Factor: 1.530)

**Arun Chauhan**, Ravi Tejwani, and Durga Toshniwal, "Twitter Can Predict Your Next Place of Visit", in International Journal of Distributed Sensor Networks, vol. 2016, Article ID 9274715, 10 pages, 2016. Digital Object Identifier:10.1155/2016/9274715.  
(SCI Impact Factor: 1.239)

### Conferences:

**Arun Chauhan**, Durga Toshniwal and Ravi Tejwani, "Predicting future place of visit using user's personality profile," in proceedings of IEEE International Conference on Computational Techniques in Information and Communication Technologies, New Delhi, 2016, pp. 427-432.  
Digital Object Identifier: 10.1109/ICCTICT.2016.7514619

**Arun Chauhan**, Shashidhar G. Koolagudi, Sabin Kafley and K. Sreenivasa Rao, "Emotion recognition using LP residual," Students' Technology Symposium (TechSym), 2010 IEEE , vol., no., pp.255-261, 3-4 April 2010.  
Digital Object Identifier : 10.1109/TECHSYM.2010.5469162

Sabin Kafley, Anil Vuppala, **Arun Chauhan** and K. Sreenivasa Rao, "Continuous digit recognition in mobile environment," Students' Technology Symposium (TechSym), 2010 IEEE , vol., no., pp.217-222, 3-4 April 2010  
Digital Object Identifier : 10.1109/TECHSYM.2010.5469151

## **Programming Languages**

R, C/C++, Java, Matlab. Some programming experience with Python.

### **References**

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| 1. Durga Toshniwal<br>Associate Professor<br>CSE, IIT Roorkee<br>+91-1332-285687<br>durgatoshniwal@gmail.com | 2. Krishna Kummamuru<br>Distinguished Research Scientist<br>& Senior Manager, AI, Accenture<br>+91-9341847811<br>krishna.kummamuru@gmail.com | 3. K. S. Rao<br>Associate Professor<br>CSE, IIT Kharagpur<br>+91-3222-282336<br>ksrao1969@gmail.com |
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Date: 30 June 2018

Arun Chauhan