

SHWETA YADAV

Research Scholar

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PUBLICATION

Conference Proceedings

- Gupta, Deepak, **Shweta**, Kandula Srikanth Reddy, et al. (2015). "PSO-ASent: Feature Selection Using Particle Swarm Optimization for Aspect Based Sentiment Analysis". In: *International Conference on Applications of Natural Language to Information Systems*. Springer, pp. 220-233.
- Gupta, Deepak, **Shweta**, Shubham Tripathi, et al. (2016). "A Hybrid Approach for Entity Extraction in Code-Mixed Social Media Data". In: vol. 25, p. 66.
- Shweta**, Asif Ekbal and Sriparna Saha (2017). "Entity Extraction in Biomedical Corpora: An Approach to Evaluate Word Embedding Features with PSO based Feature Selection". In: *European Chapter of the Association for Computational Linguistics (EACL 2017), Spain*.
- Shweta**, Asif Ekbal, and Sriparna Saha (2016). "A Deep Learning Architecture for Protein-Protein Interaction Article Identification". In: *23rd International Conference on Pattern Recognition (ICPR 2016), Mexico*.
- Shweta**, Asif Ekbal, Sriparna Saha, and Pushpak Bhattacharyya. "Deep Learning Architecture for Patient Data De-identification in Clinical Records". In: *Proceeding of Clinical Natural Language Processing Workshop (ClinicalNLP) at the 26th International Conference on Computational Linguistics (COLING 2016), Japan*.
- Shweta**, Ankit Kumar, et al. (2016). "A Recurrent Neural Network Architecture for De-identifying Clinical Records". In: *International Conference on Natural Language Processing (ICON-2016)*.

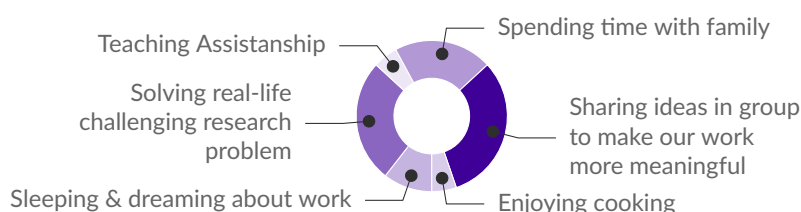
Journal Articles

- Shweta**, Asif Ekbal and Sriparna Saha. "Information theory and PSO based feature selection for Biomedical Named Entity Recognition". In: *Knowledge and Information Systems, Springer (under review)*.
- Shweta**, Asif Ekbal, and Sriparna Saha. "Feature Selection for Entity Extraction from Multiple Biomedical Corpora: A PSO based Approach". In: *Soft Computing, Springer (under review)*.

Books

- Shweta**, Ekbal Asif, et al. *Patient Data De-Identification: A Conditional Random Field based Supervised Approach*. Hershey, USA: Handbook of Research on Applied Cybernetics and Systems Science (under review).

A DAY OF MY LIFE



LIFE PHILOSOPHY

"Don't just do hard-work do smart-work"

RESEARCH INTEREST

- Text Mining**
to unveil the interesting hidden patterns in text
- Deep Neural Network**
to enhance its applicability in several domain
- Natural Language Processing**
to improve and make it easily accessible to everyone

STRENGTHS

Hard-working Persuasive
Motivator & Leader

SKILLS

Coding: Java, Python, R, sql, Shell Script, Eclipse
Publishing: L^AT_EX
Web Development: Html, CSS, JavaScript, Tomcat

LANGUAGES

Hindi ●●●●●●
English ●●●●●●
Punjabi ●●●●●●

EDUCATION

Ph.D in Computer Science
Indian Institute of Technology, Patna
August 2014 - Dec 2018 (tentative)

M.Tech. in Computer Science
Engineering with 79.06%
Punjabi University, Patiala
August 2011 - June 2013

B.Tech. in Computer Science
Engineering with 77.09%
Punjab Technical University, Jalandhar
June 2007 - June 2011

EXPERIENCE

- Working as a Short term Research Scholar in Wright State University, Ohio, US under the guidance of Prof. Amit Sheth in the project “Alchemy for HealthCare” and “Harrasment Detection from Social Media”.
- Worked as a Junior Research Fellow in Indian Institute of Technology Roorkee under guidance of Dr. Durga Toshniwal in the project entitled “Applying Data Mining Techniques in Nuclear Power Plant for Predictive Maintenance” sponsored by BRNS, DAE MUMBAI.
- Worked at the position of Assistant Professor in Aryans Group of College, Chandigarh.

INTERSHIP & WORKSHOP

Attended GIAN workshop on Introduction to Natural Language Processing

Indian Institute of Technology, Patna

📅 2nd May 2016 – 8th May 2016

Attended International Conference on Natural Language Processing (ICON 2015)

Indian Institute of Information Technology and Management-Kerala (IIITM-K) Trivandrum, India

📅 11th Dec 2015 – 14th Dec 2015

Attended workshop on Data Mining Technique (DATA 2014)

South Asian University in UPTU Noida

📅 8th Dec 2014 – 14th Dec 2014

Worked as team leader for project Time Tracking System

TCIL-IT Mohali

📅 Jan 2011 – June 2011

Attended workshop on C++ & JAVA

Indian Institute of Technology, Kharagpur

📅 May 2010 – June 2010

REFEREES

Prof. Pushpak Bhattacharyya

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