Sumit K Yadav

B.tech (CSE), MS-InfoSec (**Indian Institute of Information Technology-Allahabad**)

Ph.D (Pursuing), GGSIP University Delhi

Assistant Professor (Computer Science and Engineering Department),

Indira Gandhi Delhi Technical University, Kashmere Gate Delhi.

Areas of Interest: Compiler, TOC, DBMS, DAA, Data Structure, CO, Software Engineering, Big Data Analytics, Intelligence System, Information Security, Database Management Systems, Data Mining, Sentiment Analysis & Opinion Mining.

Experience: 5 Years of Teaching Experience, 2+ Research Experience.

National/International Exam:

1. **UGC NET Dec 2014** Cleared in Computer Science Subject.

2. **Gate-2012 with 415 gate score**.

List of Publications in journals:

1. Devendra K. Tayal, Sumit K. Yadav, "Analysis of Sentiments and Opinions: A Study", is accepted in **Scopus Indexed Journal** i.e. "International Journal of Applied Engineering Research (IJAER)" Print ISSN 0973-4562 Online ISSN 1087—1090.

2. Sumit K Yadav, Nisha Saroha, "Security Frameworks for A Secure Mobile Cloud Computing Environment" is accepted in **Scopus Indexed Journal** i.e. "International Journal of Applied Engineering Research (IJAER)" Print ISSN 0973-4562 Online ISSN 1087—1090.

3. Sumit Kr Yadav et al., "Cost based Model for Big Data Processing with Hadoop Architecture", Global Journal of Computer Science and Technology (GJCST), Volume 14 Issue 2 Version 1.0, Global Journal Inc. (USA). (Accepted & published https://globaljournals.org/GJCST_Volume14/E-Journal_GJCST_%28C%29_Vol_14_Issue_2.pdf). ISSN No. 0975-4172, May 2014.

4. Sumit Kr Yadav et al., "Detecting Sentiments from Movie Reviews by Integrating Reviewers Own Prejudice", Global Journal of Computer Science and Technology (GJCST), Volume 15 Issue 2, Global Journal Inc. (USA).

    *Two research papers are in communication with good indexed international journal.

List of Publications in conference proceedings:

5- Devendra K. Tayal, Sumit K. Yadav, "Word Level Sentiment Analysis Using Fuzzy Sets", in "2nd International Conference on Advances in Computer Science and Information Technology (ICACSIT- 2015), Pattaya, Thailand. March 28-29, 2015.

    (Accepted, presented and yet to be online).

6- Sumit K Yadav, et al., "Multimodal Sentiment Analysis: Sentiment Analysis using Audiovisual Format" 9th INDIACom-2015; IEEE Conference ID: 35071 2015 2nd International Conference on "Computing for Sustainable Global Development", 11th – 13th March, 2015.
    (Available online at IEEE Xplore®)

7- Sumit K Yadav, et al., "Big Data query optimization by using Locality Sensitive Bloom Filter" 9th INDIACom-2015; IEEE Conference ID: 35071 2015 2nd International Conference on "Computing for Sustainable Global Development", 11th – 13th March, 2015.
    (Available online at IEEE Xplore®)

8- Sumit K Yadav, et al., "Identifying User's Personality Traits by Analyzing their Mobile Phone Habits", presented in Recent Advances in Computing, Communication & Electrical Technology i.e RACCET-2015 , ISSN No. 2321-1202, 11- 12th April 2015.

9- Fawaz S. Al-Anzi, Sumit Kr Yadav, Jyoti Soni, "Cloud computing: Security model comprising governance, risk management and compliance." In Data Mining and Intelligent Computing (ICDMIC), 2014 International Conference on, pp. 1-6. IEEE Xplore®, 2014.
    (Available online at IEEE Xplore®)

10-   Sumit Kr Yadav et al., "Bloom filter based optimization on HBase with MapReduce." In Data Mining and Intelligent Computing (ICDMIC), 2014 International Conference on, pp. 1-5. IEEE Xplore®, 2014.
    (Available online at IEEE Xplore®)

11-   Sumit Kr Yadav et al., "Polarity detection of sarcastic political tweets." In Computing for Sustainable Global Development (INDIACom), 2014 International Conference on, pp. 625-628. IEEE Xplore®, 2014.
    (Available online at IEEE Xplore®)

12-   Sumit Kr Yadav et al., "A Radical Approach to Develop Psychological Control in Information Security: Organization's Perspective", published in International Conference on Recent Trends of Computer Technology in Academia ICRTCTA 2012 April 21-23 2012.

    *Three (2) research papers are in communication with good IEEE conferences.

EXPERT LECTURES/ CONFERENCES/ SEMINARS/WORLSHOPS-DELIVERED/ATTENDED:

1. **Delivered** an expert talk on topic "**Cloudera: A system for Big Data Analytics**" in Two Days National Workshop on Computational Intelligence Machine Learning & Hadoop, dated 07,08 March 2015, organized by Department of CSE & IT, **Banasthali Vidyapeeth, Rajasthan**, India.

2. **Delivered** an expert talk on topic "**Big Data: Research issues & Big Challenges in Real World**" in 5th Summer Training Program on Mobile Architecture and Programming organized by Department of CSE, Indira Gandhi Delhi Technical University for Women in collaboration with Nokia University Relations, Finland on June 13, 2014.

3. Successfully Organized as **Faculty coordinator** an **International Conference** i.e. "International Conference on Data Mining and Intelligent Computing (ICDMIC-2014)", dated 5th and 6th Sept. 2014 at Indira Gandhi Delhi Technical University for Women, Delhi.

4. **Delivered** an expert talk on topic "**Big Data: Big Challenges in Real World**" in faculty development programme organized by Delhi Institute of Advanced Studies on June 13, 2014.

5. Attended a Workshop on **Intellectual Property Rights Awareness,** organised by Research Wing-IGDTUW and sponsored by DeitY on 26th september 2014.

6. Participated in a Five day **Faculty Development Programme** on "Effective Teaching Methodologies" organised by Deptt of Applied Science IGDTUW and NITTTR Chandigarh from 21st July' 2014 - 25th July' 2014.

7. Attended **15 days 5th IIIT-Hyderabad Advanced Summer School** on **NLP**- Natural language Processing (IASNLP-2014) held at IIIT Hyderabad from 1st-15th July 2014.

8. Attended a one day conference "**elets CloudGov 2014**" organized by Elets Technomedia, keynote speaker R Chandrashekhar President, NASSCOM on June 10, 2014 at Royal Plaza, NewDelhi.

9. Attended a Lecture on "**Solving real time problems using fuzzy logic**" in National Seminar on Computing & Intelligent Systems (NSCIS 2014), Ghaziabad, U.P, INDIA (Sponsored by AICTE, Delhi) 28th March, 2014.

10. Conference Attended "**ORACLE CLOUDWORLD**" conducted by Oracle on 22 Jan 2014 in Taj Palace Hotel Sardar Patel Marg, Diplomatic Enclave, New Delhi.

11. Attended a **Faculty Development Programme** (FDP) based on "Recent Trends in Big Data and Cloud Computing" during 16th to 20th December 2013 in IGDTUW, Delhi.

12. Attended Expert lecture on the topic "**Web Mining using Soft Computing**" on 20th Nov 2013 delivered by Prof. M. M. Sufyan Beg, Department of Computer Engineering, Jamia Millia Islamia, New Delhi at IGDTUW-Delhi.

13. Attended Expert Lecturer on "**Mobile- A Platform for Practical Research and Learning By Doing**" by Mr. Suresh Chande, Nokia India University Relations, Nokia, Finland at IGDTUW-Delhi.

14. Attended Expert Lecture on the topic "**Cyber Crime**" by Mr. Pavan Duggal Advocate, Supreme Court of India at IGDTUW-Delhi.

Roles and Responsibilities held during my Academic Career:

- Held the responsibilities of **Deputy Exam Superintendent** throughout the semester Exam conducted by the **GGSIPU Delhi.**
- Held the responsibilities of **DBMS Lab In charge**, CSE Department **IGDTUW, Delhi.**
- **In charge Faculty Maintenance and Renovation** for CSE department **IGDTUW, Delhi.**
- Successfully held the responsibilities of Final year **Faculty Class Coordinator** CSE Department **IGDTUW, Delhi.**
- Active member of the faculty group **"Data Processing and Intelligent Computing Group"** headed by Dr. Devendra K Tayal.

- Faculty coordinator and Member of the core team in **International Conference on Data Mining and Intelligent Computing** (ICDMIC), **IEEE Conference Record # 33840** organized by CSE Department going to be Held on **5-6th September 2014**.

Achievements & Activities

- Procured certificate in IBM Academic Initiative Project INVITE 2007 a software development contest for the engineering colleges in Uttar Pradesh.
- INDIAN AIR FORCE PABT (pilot aptitude battery test) life time achievement test clear.

Sumit Kr. Yadav