



CURRICULUM VITAE

Name:	Dr Vipin Kumar	
Designation:	Assistant Professor	
School:	Computational Sciences, Information and Communication Technology	
Department:	Computer Science and Information Technology	
Specialisation & Research Interests:	Machine Learning, Data Mining, Text Mining, Big Data Analytics	
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Address:	Department of Computer Science and Information Technology, Mahatma Gandhi Central University, Motihari, East Champaran, Bihar-845401	

2. ACADEMIC QUALIFICATION (in reverse Chronological order):

Degree	Year	University / Board
Ph.D. (Computer Science)	2015	JNU, New Delhi, India

Degree	Year	University / Board
M.Tech.(Computer Science and Technology)	2013	JNU, New Delhi, India
B.Tech. (Computer Science and Engineering)	2009	NIT Allahabad

3. PROFESSIONAL EXPERIENCE:

Organisation/Institute/University	Position Held	Duration
Mahatma Gandhi Central University, Bihar, India	Assistant Professor	Nov, 2016 to Till Now
Department of Computer Science, University of Delhi, Delhi, India	Assistant Professor	July 2015 to Nov 2016

4. ADMINISTRATIVE ASSIGNMENTS:

Position Held	Duration	Nature of Work
ADSW	Nov, 2019 to till now	Student Welfare Activity

5. COURSES TAUGHT:

- C Programming
- Data Structure
- Artificial Intelligence
- Machine Learning
- Data Science

6. RESEARCH SUPERVISION:

Non-Degree Oriented (Master's Level Dissertation):

Awarded : 04

7. CONTRIBUTION TO CORPORATE LIFE OF THE UNIVERSITY:

- **Responsibility Held: Convener**

One Week: (April 03rd-07th, 2019), "Machine Learning and Computer Vision (MLCV-2019) ", Organized by Department of Computer Science and Information Technology, Mahatma Gandhi Central University, Bihar.

- **Responsibility Held: Convener**

Four Weeks: (June 10th-July 05th, 2019), " Python Machine Learning and Project Development (PMLPD-2019)", Organized by Department of Computer Science and Information Technology, Mahatma Gandhi Central University, Bihar.

- **Responsibility Held: Convener**

One Week: (Oct 14th-18th, 2019), "Data Analytics using Hadoop (DAH-2019)", Organized by Department of Computer Science and Information Technology, Mahatma Gandhi Central University, Bihar.

A. PAPERS IN REFEREED/PEER REVIEWED JOURNALS:

- Kumar, Vipin, and Sonajharia Minz. "**Multi-view ensemble learning: an optimal feature set partitioning for high-dimensional data classification.**" Knowledge and Information Systems 49.1 (2016): 1-59.
(SCI Indexed Journal, IF-2.247, ISSN: 0219-1377)
- Kumar, Vinesh, Sonajharia Minz, and Vipin Kumar. "**Performance analysis of cognitive radio networks under spectrum sharing using queuing approach.**" Computers & Electrical Engineering 52 (2016): 390-398. (SCI Indexed Journal, IF-1.57, ISSN: 0045-7906)
- Singh, Vinod Kumar, Vipin Kumar, and Annangarachari Krishnamachari. "**Prediction of replication sites in Saccharomyces cerevisiae genome using DNA segment properties: Multi-view ensemble learning (MEL) approach.**" Biosystems 163 (2018): 59-69. (SCI Indexed Journal, IF-1.652, ISSN: 0303-2647)
- Vipin Kumar and Sonajharia Minz, "**Feature Selection: A Literature Review**", **Smart Computing Review**, Korea Academia-Industrial Cooperation Society (KAIS), Vol-04, pp:211-229, Jun, 2014. (Indexed: DBLP, ISSN:2234-4624)
- Kumar, Vipin, and Sonajharia Minz. "**Multi-objective particle swarm optimization: an introduction.**" SmartCR 4.5 (2014): 335-353. (Indexed: DBLP, ISSN:2234-4624)

B. PAPERS IN CONFERENCES PROCEEDINGS:

- Vipin Kumar and Sonajharia Minz, "**An Optimal Multi-view Ensemble Learning for High Dimensional Data Classification using Constrained Particle Swarm Optimization**", International Conference on Information, Communication and Computing Technology, Volume-750, pp: 363-378, Springer, May, 2017. (Indexed: Scopus)
- Vipin Kumar and Sonajharia Minz, "**Multi-view Ensemble Learning: A Supervised Feature Set Partitioning for High Dimensional Data Classification**", Third International Symposium on Women in Computing and Informatics (WCI-2015), Association for Computing Machinery (ACM), pp:31-37, Aug. 2015. (Indexed: Scopus)
- Vipin Kumar, "**Multi-view Ensemble Learning using Optimal Feature Set Partitioning: An Extended Experiments and Analysis in Low Dimensional Scenario**", Second International Symposium on Computer Vision and the Internet (VisionNet15), Procedia Computer Science Journal, Elsevier, Volume-58, pp:499-509, Aug 2015 (Indexed: Scopus)
- Vinesh Kumar, Vipin Kumar and Sonajharia Minz, "**Conflict Graph based Channel Allocation in Cognitive Radio Networks**", IEEE 34th Symposium on Reliable Distributed Systems Workshop (SRDSW), IEEE, pp:52-56, Sept.,2015
- Vipin Kumar and Sonajharia Minz, "**Multi-view Ensemble Learning for Poem Data Classification using SentiWordNet**", 2nd International Conference on Advanced computing, Networking, and Informatics (ICACNI-2014), Smart Innovation, Systems and Technologies, Springer, Vol-27, pp:57-66, Jun 2014. (Indexed: Scopus)
- Sonajharia Minz and Vipin Kumar, "**Reinforced Multi-view Ensemble Learning for High Dimensional Data Classification**", International Conference on Communication and Computing (ICC-2014), Elsevier, Vol-27, pp:19-20, Jun, 2014.
- Vipin Kumar and Sonajharia Minz, "**Mood Classification of Lyrics using SentiWordNet**", ICCCI-2013, IEEE Xplore, pp:1-5, Jan, 2013.
- Vipin Kumar and Sonajharia Minz, "**Poem Classification using Machine Learning Approach**", International Conference on Soft Computing for problem Solving (SocProS 2012), AISC Series of Springer, Vol-236, pp:675-682, 2013. (Indexed: Scopus)

8. INVITED TALKS:

- "**Big Data and Analytics**", Ramanujam College, University of Delhi, New Delhi, India. 2016
- "**Introduction to Machine Learning**", University of Delhi, South Campus, New Delhi, India. 2016

9. PARTICIPATION & PRESENTATIONS IN SEMINARS/SYMPOSIA/WORKSHOPS/CONFERENCES:**Conferences:**

- International Conference on Information, Communication, and Computing Technology (ICICCT-2017), Jagan Institute of management Studies, New Delhi, India. 13th, May, 2017
- International Conference on Big Data Analytics (BDA-2012), Department of Computer Science, University of Delhi, India. 24th to 26th, December, 2012
- International Conference on Soft Computing for problem Solving (SocProS 2012), Jaipur, J.K. Lakshminpath University, India. December, 2012

Workshops:

- Big Data Analytics, School of Computer and Systems Sciences (SCSS) JNU, New Delhi. 30th March, 2017
- Network and Cyber Security, National Institute of Technical Teachers Training and Research, Chandigarh, India, Jun 27th, 2016 to July 1st, 2016.
- How to Write & Get Published In Academic Journal, Emerald Group Publishing limited, JNU, New Delhi, India 10th January, 2013
- How to write and Get Published in Scientific Journals, Springe Author Workshop, JNU, new Delhi, India, 27th August, 2012.
- Workshop on Scholarly Publishing, Wiley Author Workshop, JNU, New Delhi, India. 27th August, 2012
- National Workshop on Recent Advances in Data Mining and DataWarehousing, Indian Statistical Institute, New Delhi, India. 19th- 23th October, 2011

10. AWARDS, FELLOWSHIPS & OTHER DISTINCTIONS:

- UNC-NET, 2012
- CSIR-SRF, 2015

(Name of Faculty)