

## FACULTY PROFILE



**Name:** Harendra Sharma

**Designation:** Assistant Professor

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**Professional Qualification:**

- **Ph.D (Pursuing)**  
SRM IST, Delhi NCR Campus  
Modinagar, Ghaziabad, UP, India  
University :- SRM University  
Stream :- Computer Science And Engineering (CSE)
  
- **MASTER OF TECHNOLOGY**  
G.B.Pant Engineering College, Pauri Garhwal, Uttarakhand, India  
University :- Uttarakhand Technical University  
Stream :- Computer Science And Engineering (CSE)  
Passing Year :- 2017
  
- **BACHELOR OF TECHNOLOGY**  
Shivalik College of Engineering, Dehradun, Uttarakhand, India  
University :- Uttarakhand Technical University  
Stream :- Computer Science And Engineering (CSE)  
Passing Year :- 2012

### **Publications (Journals & Conferences):**

- Sharma, Harendra, and H. S. Bhadauria. "An effective approach on brain tumor segmentation with polynomial hybrid technique." *2017 3rd International Conference on Advances in Computing, Communication & Automation (ICACCA)(Fall)*. IEEE, 2017.
- S. Vashisht, R. Pal, H. Shama, R. Kumar Saini and N. Kumar, "Challenges and Applications of Multimedia Big Data Computing," 2021 2nd International Conference on Intelligent Engineering and Management (ICIEM), London, United Kingdom, 2021, pp. 435-440, doi: 10.1109/ICIEM51511.2021.9445301.
- Y. Kumar, H. Sharma and R. Pal, "Popularity Measuring and Prediction Mining of IPL Team Using Machine Learning," 2021 9th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions) (ICRITO), Noida, India, 2021, pp. 1-5, doi: 10.1109/ICRITO51393.2021.9596405.
- Kumar, Y., Saini, S., Sharma, H., Payal, R., Mishra, A. (2022). Feedback Investigation on Twitter Dataset Using Classification Approaches. Lecture Notes in Networks and Systems, vol 341. Springer, Singapore. [https://doi.org/10.1007/978-981-16-7118-0\\_22](https://doi.org/10.1007/978-981-16-7118-0_22)
- Published a research paper on "CLUSTERING BASED IMAGE SEGMENTATION: A CASE STUDY" in NCRTCICT 2019 (25-26 Feb. 2019).
- Published a research paper on "HOME DIGITAL VOICE ASSISTANCE: A CASE STUDY" in NCRTCICT 2019 (25-26 Feb. 2019).

### **Patent**

- Published a patent on "ENCYCLOPEDIA BASED ON NATURAL LANGUAGE PROCESSING".
- Published a patent on " GARBAGE CLASSIFICATION AND SEPERATION SYSTEM BASED ON THE INTERNET OF THINGS".
- Published a patent on "DEEP LEARNING MODEL TO DETECT THE SUSPECTED VIDEOS OR IMAGES USING DEEPPAKES TECHNIQUE".
- Published a patent on "IOT BASED SMART IRRIGATION SYSTEM USING SMART SPRINKLERS".

## **Awards and Achievements**

- UGC NET December 2020 & June 2021

## **Workshops/Seminars/FDPs**

- Faculty Development Program (FDP) on "**Emerging Trends and Application of Machine Learning Based Artificial Intelligence**" Organized by Department of Computer Science and Engineering, SRM Institute of Science and Technology, Delhi-NCR Campus, Ghaziabad (**20/02/2023 -2502/2023**)
- Faculty Development Program (FDP) on "**Cyber Physical Systems and Industrial IoT**" Organized by Department of Computer Science and Engineering, SRM INSTITUTE OF MANAGEMENT TECHNOLOG (**17/1/2021 -21/1/2021**) (**ATAL FDP**)
- Faculty Development Program (FDP) on "**Applications of Python Programming**" conducted by DBIT Dehradun. (13/1/20 - 17/1/20)
- Faculty Development Program (FDP) on "**Data Science and Big Data Analytics**" conducted by **ICT Academy**, DBIT Dehradun. (15/1/19 - 19/1/2019)
- Certified with "Linux Administrator" from HCL Career Development Centre, South ex, part 1, New Delhi.
- Certified with successfully attended workshop of J2EE & FORWNSIC INVESTISATION from White Turtle Inc.

## **Work Experience:**

- Working in SRM University - NCR Campus, Delhi-Meerut Road, Modinagar, (19/12/2020 - Till Date)
- Worked in Dev Bhoomi Group of Institution (DBGI), Dehradun as an Assistant Professor (8/8/2018 - 18/12/2020)
- Worked in Women Institute of Technology (WIT), Dehradun as a Guest Faculty (24/08/2017 - 31/12/2017).
- Worked as Administrative Manager in Transformative Learning Solution Pvt. Ltd at New Delhi.