

Dr. Vipul Kumar Sharma

Ph.D Submitted at National Institute of Technology, Srinagar.

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CAREER OBJECTIVE:

Seeking a responsible post of Assistant Professor to impart quality education with emphasis on Computer Science Engineering and to rectify CSE problems in minds of concerned one's, which they can apply in their professional life.

EXPERIENCE:

- **Currently working as Assistant Professor(Grade-II) at JUIT Solan.**
- **3.5 years teaching assistant experience at NIT Srinagar.**
- **2.5 years teaching experience as Assistant Professor on contractual basis at National Institute of Technology, Srinagar.**
- **6 months teaching experience at Yogananda College of Engineering & Technology, Jammu.**

ACADEMIC DETAILS:

Qualification/Class	University/Board	School/College	Year of Passing	Percentage/CGPA
Ph.D	National Institute of Technology, Srinagar	Department of Computer Science & Engineering	2021	
NTA UGC NET December 2020	NTA UGC NET	Computer Science & Applications	2020	
NTA UGC NET July 2019	NTA UGC NET	Computer Science & Applications	2019	
JKSET May 2018	University of Kashmir	Computer Science & Applications	2018	
GATE 2018	IIT Guwahati	Computer Science & IT	2018	AIR - 1453
GATE 2017	IIT Roorkee	Computer Science & IT	2017	AIR- 6402
B.Tech(Hon's) CSE	Lovely Professional University. Phagwara Punjab	Lovely Honours School of Technology.	2011	9.61
XII std	J&K state board	Shri Ranbir Multilateral School Jammu	2007	78 %
X std	J&K state board	Ranjit Memorial High School Jammu	2005	86 %

RESEARCH PUBLICATIONS:

- **“Pattern Recognition”. Scale Aware CNN for crowd density estimation and crowd behavior analysis. (SCI Indexed) Elsevier. Impact Factor: 7.2**

- “Pattern Recognition Letters”. **SSFNET-VOS: Semantic Segmentation and Fusion Network for Video Object Segmentation**. 2020 (SCI Indexed) Elsevier. **Impact Factor: 3.255**
- “Computer Science Review.” **A Comprehensive and Systematic Lookup into Deep Learning Based Object Detection Techniques: A Review**. 2020 (SCI Indexed) Elsevier. **Impact Factor: 7.7**
- “Journal of King Saud University - Computer and Information Sciences” **An enhanced time efficient technique for image watermarking using ant colony optimization and light gradient boosting algorithm**. Volume 31, Issue 2. 2019 (SCIE Indexed), Elsevier. **Impact Factor: 3**
- “Journal of King Saud University - Computer and Information Sciences”, **Saliency guided faster-RCNN (SGFr-RCNN) model for object detection and recognition**. Volume 31, Issue 4. (SCIE Indexed), 2019 Elsevier. **Impact Factor: 3**
- “International Journal of Computational Vision and Robotics” **Maximum Entropy Based Semi Supervised Learning for Automatic Detection and Recognition of Objects Using Deep Convnets**. 2020, (Scopus Indexed). Inderscience. **Impact Factor: 1.2**
- “International Journal of Computer Networks and Applications (IJCNA)” **Textual Data Hiding in Digital Images Using Chaotic Maps**. Volume 5, Issue 6, PP: 78-86. 2018 (Scopus Indexed)
- “IJCST”, **Digital Preservation & Data Compression**. Volume 9, Issue 2, 2018
- “International Conference on Image Information Processing.” Proceedings **IEEE Explore Title: - Two new approaches to image steganography using cryptography**. (SCI Indexed)
- “International Journal of Advanced Research in Computer Science & Software Engineering.” **Title: - A new approach to hide text in images using steganography**. Volume 3, Issue 4, April 2013 Page number, 701 – 708.
- “International Journal of Computer Science & Engineering Technology”. **Title: - Discrete & Continuous Mouse Motion Using Vocal & Non-Vocal Characteristics of Human Voice**. Volume 4, No. 6 June 2013, Page number 826 – 837.
- “Journal of Computer Science (JCS)”. **Title: - A New Approach to Improve Worst Case Efficiency of Bubble Sort**. Issue 6, Volume 2 (June 2015), **Springer Open Access**, Page number, 54 – 58.
- “International Journal of Computer Applications (IJCA)”. **Title: - Digital Preservation & Data Compression** Issue 4, Volume 2 (April 2014), **Springer Open Access** Page number, 24 – 32.

AREAS OF INTEREST:

Web development, Artificial Intelligence (Pattern Recognition), Computer Vision, Deep Learning, Steganography.

PERSONAL DETAILS:

Gender : Male
 Marital Status : Unmarried
 Date of Birth : 25th June 1990
 Father’s Name : Sh. Manohar Lal Sharma.
 Mother’s Name : Smt. Swarna Sharma.

DECLARATION:

I, hereby declare that all the information provided by me in this application is correct to the best of my knowledge and belief.

DATE: 07-02-2022
PLACE: Waknaghat

(Vipul Sharma)