

CHHAVI SHARMA

Professional Qualifications

- M.Tech. from Institute of Technology and Management, ITM University, Gurgaon.
- B.Tech. From Manav Rachna College of Engineering, Maharishi Dayanand University, Rohtak.

Teaching Experience (in Years): 2 years

Subjects of Interest: Image processing, Face recognition, Neural Network, Algorithms, Artificial Intelligence.

Academic achievements

Face detection and face recognition has been a fast growing area of research. A large number of algorithms have been developed and used in many real time applications. Developed an application which makes use of pattern matching, object detection, image processing, computer vision and neural networks. Face detection holds its application area primarily in video surveillance, security, access control etc.

Research Publications

- **ICACCT** – Review Paper on **Face Recognition technology** in International Conference on Advance Computing and Communication Technologies.
- **ICACCT** – Review Paper on **Pattern Recognition technology** in International Conference on Advance Computing and Communication Technologies.
- **CAE** – Research Paper on **Efficient removal of impulse noise from digital images** in Communications on Applied Electronics.
- **ICRTCIT - Noise Removal from Digital Images for Efficient Processing of images** in International Conference on Recent Trends in Computer and Information Technology Research.
- **IJAERA**- Research paper on “**An algorithm based on SURF and LBP Approach for facial expression recognition.**”

Conferences Attended

- Attended *International Conference on Advance Computing and Communication Technologies Panipat in November 2015.*
- Attended 1 day *Conference on E-Automotives (INDIA- 2017)*, Pragati maidan, New Delhi, 15 september 2017

3. Faculty Development Program/STTP/workshop Attended (1)

- 6 days faculty development programme entitled “*High performance computing, parallel programming and administration*” organized by IPEC, Ghaziabad from 17 July-22 July, 2017.

