

A Review Paper on Face Recognition Using Machine Learning

Prashanth Kumar¹, Chandana M², Deekshitha S R³, Disha Shetty⁴, Harshitha N P⁵

Assistant Professor, Department of Computer Science and Engineering¹

Students, Department of Computer Science and Engineering^{2,3,4,5}

Alva's Institute of Engineering and Technology Mangalore, India

Abstract: *Confront acknowledgment computer program is utilized for distinguishing people in organizations or colleges for participation stamping purposes. The Participation Administration Framework computerizes participation checking and investigation with negligible human mediation. The framework includes capturing pictures through a camera and recognizing the faces by comparing them with a database. Participation is checked based on this acknowledgment. The framework depends on confront location and acknowledgment employing a webcam to distinguish representatives or understudies as they enter the office or classroom and check their participation in like manner.*

Keywords: Face Recognition, Attendance Management System, Haar Cascade

REFERENCES

- [1] A flexible workstation with a camera and database is required to generate posterior tissue structures using facial recognition. Notice" in IEEE NIGERICON2017. <https://ieeexplore.ieee.org/document/8281895>
- [2] Jenif D Souza, Jothi S, ChandrasekarA, "Automated Validation and Collaboration System for Face Recognition Using Histogram" in ICACCS 2019 <https://ieeexplore.ieee.org/document/8728399>
- [3] Nandhini R., Duraimurugan N., Chollalingam S.P. "Facial Recognition System" by IJEAT, 2019 <https://www.ijeat.org/wpcontent/uploads/papers/v8i3S/C>
- [4] E. Varadharajan, R. Dharani, S. Jivita, B. Kavi nmati,S.Hemalatha at IC GET 2016"A Modified Support Organization System Using Responsive Detection". 2020 Division of Information Development. <https://ieeexplore.ieee.org/abstract/document/7916753>
- [5] Shreyak Sawhney, Karan Kacker, Samayak Jain, Shailendra Narayan,Rakesh Garg "Real Time Quick Interest system utilizing stand up to affirmation techniques " ininternational conference on cloud computing data scienceand building 2019<https://ieeexplore.ieee.org/abstract/document/8776934>
- [6] Poornima S,Sripriya N , Vijayalakshmi B, Vishnupriya P "Attendace watching system utilizing facial recognition with sound abdicate sex classification " in ICCSP 2017. <https://ieeexplore.ieee.org/document/7944103>
- [7] Kritika Shrivastava, Shweta Manda,P.S Chavan, "Conceptual illustrate for competent computerized attendancesystem based on go up against affirmation and sex classification utilizing Haar- cascade" in IJEAT 2018. https://www.ripublication.com/ijaer18/ijaerv13n10_111.pdf
- [8] Aruna katara , Sudesh V, Amar P, Nikhil D, Bhele<https://www.scribd.com/document/350875725/Attendance-System-Using-Face-Recognition-and-Class-MonitoringSystem>
- [9] Omar Abdul Rhman Salim, Rashidha Olanrewaju, Wasiu Balogun "Class cooperation organization system usingface recognition" in ICCCE2018.https://www.researchgate.net/publication/329067820_Classes