IJARSCT



International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)

International Open-Access, Double-Blind, Peer-Reviewed, Refereed, Multidisciplinary Online Journal

Volume 3, Issue 12, May 2023

Review Paper on Web Application of Student Attendance System using Facial Recognition.

Christy Johnson¹ and Priya Sekhar S.²

MTech student, Computer Science & Engineering¹
Associate Professor, Computer Science & Engineering²
Lourdes Matha College of Science & Technology, Trivandrum, Kerala, India

Abstract: Uniqueness or individuality of the individual face is the representation of once identity. In present times, face recognition has played a major role in numerous fields like schools, colleges, healthcare industries and many more. Face Recognition technology helps to identify objects in an image. This is done by identifying and measuring facial features in an image. People collect the face images, and the recognition equipment automatically processes the images. The paper introduces the related researches of face recognition from different perspectives. Face recognition has many potential applications in near future.

Keywords: Face recognition, facial feature, uniqueness

REFERENCES

- [1]. Yang, H. and Han, X., 2020. Face recognition attendance system based on real-time video processing. IEEE Access, 8, pp.159143-159150.
- [2]. Trinos, M.I.P.D., Rios, J.H., Portades, K.G.O., Portades, P.R.O., Langreo, R.M.P. and Abisado, M.B., 2019, November. Real-time Class Attendance Monitoring using Smart Face Recognition. In 2019 IEEE 11th International Conference on Humanoid, Nanotechnology, Information Technology, Communication and Control, Environment, and Management (HNICEM) (pp. 1-6). IEEE.
- [3]. Bharath N. Parashar, Alex Abraham Mathews, Ashwin S.A., 2021, May. A Review Paper on 'Smart Attendance Management System'. In International Research Journal of Engineering and Technology (IRJET) Volume: 08 Issue: 05 | May 2021.
- [4]. Kiran, T.A., Reddy, N.D.K., Ninan, A.I., Krishnan, P., Aravindhar, D.J. and Geetha, A., 2020, September. PCA based Facial Recognition for Attendance System. In 2020 International Conference on Smart Electronics and Communication (ICOSEC) (pp. 248-252). IEEE.
- [5]. Ula, M., Pratama, A., Asbar, Y., Fuadi, W., Fajri, R. and Hardi, R., 2021, April. A New Model of The Student Attendance Monitoring System Using RFID Technology. In Journal of Physics: Conference Series (Vol. 1807, No. 1, p. 012026). IOP Publishing.
- [6]. Owandkar, M., Kolte, A., Peshave, D. and Jadhav, M.S., 2017. Attendance monitoring system using face recognition. International Research Journal of Engineering and Technology, 4(5).

DOI: 10.48175/568

