# Smart Attendance System using QR Code

**Chanchal Bavisker[1], Nikita Bhokare[2], Ketki Gaidhani[3], Shrinad Patil[4], Suyog Waghere[5]**

Students, Department of AIML (Artificial Intelligence & Machine Learning)[1,2,3,4,5]

Loknete Gopinathji Munde Institute of Engineering Education & Research, Nashik, Maharashtra, India

**Abstract:** *In this era of technology smartphones play a big role in our everyday existence. Nowadays smartphones can solve most of the problem very quickly and easily. It has made existence of absolutely everyone clean and much less hard with specific social app, commercial enterprise app, problem solving app, app for training and marketing and marketing and advertising etc. Followed with the resource of the use of the technology the paper purposed a system so one can cope with a problem for recording the attendance. In higher training institutions, student participation withinside the classroom is straight away related to their instructional performance. However, the majority of student attendance registration is still conventionally accomplished, it's tedious and time-consuming, in particular for those publications that comprise massive numbers of college students. Over the years, attendance manage has been done manually at most of the universities. To overcome the manual attendance issues, we proposed and carried out a smart attendance system with the aim to encourage the capability use of the Quick Response (QR) code as a future attendance manage system, to tune and file student attendance in lectures and carrying activities for all relevant publications, as an aim of this paper.*

**Keywords:** QR Code, attendance, system, student

## REFERENCES

[1]. Convolutional Neural Network (CNN) for Image Detection and Recognition 978-1-5386-6373-8/18/$31.00 ©2018 IEEE

[2]. http://eprints.utar.edu.my/3386/1/FYP_report_corrected.pdf

[3]. https://www.researchgate.net/publication/275605455_A_Students_Attendance_System_Using_QR_Code

[4]. https://ieeexplore.ieee.org/document/9134225

[5]. https://docs.python.org/3/library/tkinter.html

[6]. What is a QR Code?, available at: https://www.the-qrcode-generator.com/whats-a-qr-code,last accessed: 07 Jan 2020