

BHARAT HEAVY ELECTRICALS LIMITED (BHEL), BHOPAL भारत हेवी इलेक्ट्रिकल्स लिमिटेड (बीएचईएल), भोपाल



Vocational Training Report

Title:

QR Code Generator

Training Period: 25-05-2023 to 22-06-2023

Submitted By:

Name - Ayush Suryawanshi Registration No.-REG202301023 Token No.-VTN202300462

Project Guide:

Mr. Satyam Kushwaha

DY. Manager, Digital Transformation Group (DTG), Bharat Heavy Electricals Limited (BHEL), Bhopal, India

CERTIFICATE OF GUIDE



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भारत हेर्वी इलेविट्कल्स लिमिटेड, भोपाल (मान संसाधन विकास केन्र) BHARAT HEAVY ELECTRICALS LTD., BHOPAL (HUMAN RESOURCE DEVELOPMENT CENTRE)	प्रशिक्षण प्रमाण-पत्र TRAINING CERTIFICATE	
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This is to certify that Shri / Ku AYUSH SURYAWANSHI

प्रमाणित किया जाता है कि श्री / क्

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SI.No. REG202301023

स्वागता एस. संदर्भना तक हमारे संस्थान में प्राप्त किया,

द्वारा प्रतिनियुक्त किया गया था.

From GURU GHASIDAS VISHWAVIDYALAYA BILASPUR

THIRD.....year CS/IT ENGINEERING

has undergone Project/ Practical (Vacation) training from ...25:.Max:.23..

दिनांक / Date : 22-Jun-23

स्थान / भोपाल: Place: BHOPAL

ने अपना प्रोजेक्ट / व्यावहारिक प्रशिक्षण दिनांक

बारे उस महाम्बर्धाय मानव संस्थात मिलाम केन बी.एच दे हुई मिलाम बी.एच और बी/HOD) (सील/SEAL)

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BACKGROUND

In the digital age, information sharing and accessibility have become paramount. Quick Response (QR) codes have emerged as a versatile and efficient tool to meet these needs. QR codes are two-dimensional barcodes that can store various types of data, including URLs, text, contact information, and more. They can be scanned using smartphones, tablets, or dedicated QR code scanners, instantly retrieving the encoded information. The widespread adoption of smartphones and the ease of scanning QR codes have contributed to their increasing popularity.

The origins of QR codes can be traced back to the automotive industry in Japan. Initially developed by Denso Wave, a subsidiary of Toyota, QR codes were primarily used for tracking vehicle parts during the manufacturing process. However, their potential was soon recognized beyond the automotive sector, and QR codes began to be utilized in various industries and applications.

One of the key advantages of QR codes is their ability to store large amounts of data compared to traditional barcodes. A QR code can hold hundreds of alphanumeric characters, allowing for the encoding of complex information. This makes them highly versatile for a wide range of applications, such as product packaging, marketing campaigns, event ticketing, inventory management, and more.

QR codes offer numerous benefits in terms of convenience and accessibility. With a simple scan using a smartphone camera, users can quickly access websites, download apps, make payments, add contacts, and perform other actions without the need for manual input. This streamlined experience enhances user engagement and eliminates the potential for errors in data entry.

The widespread usage of QR codes in marketing campaigns further exemplifies their value. Businesses can embed QR codes in advertisements, brochures, posters, and even product labels to provide customers with additional information, promotional offers, or interactive experiences. This interactive element adds a new dimension to traditional marketing strategies, enabling businesses to engage with their target audience more effectively.

In summary, QR codes have revolutionized the way information is shared and accessed. Their ability to store diverse data types and the ease of scanning them with smartphones have made them an indispensable tool in various industries. The convenience, versatility, and potential for engagement offered by QR codes make them an attractive choice for individuals and businesses looking to streamline processes, enhance marketing efforts, and provide a seamless user experience.