Visvesvaraya Technological University

**Jnana Sangama, Belgaum – 590014, Karnataka**



A SEMINAR REPORT

ON

**Progressive Web Apps**

Submitted in partial fulfilment of the requirements for the award of the Degree of **Bachelor of Engineering** in **Computer Science & Engineering**

for the academic year 2017-2018

**Submitted By**

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**CERTIFICATE**

This is to certify that the Seminar entitled **“Progressive Web Apps”** has been carried out by **ARAVIND B** (1ST14CS023), bonafide student of **Sambhram Institute of Technology** in partial fulfillment for the award of Bachelor of Engineering in Computer Science and Engineering of the **Visvesvaraya Technological University, Belgaum** during the year **2017-2018**. It is certified that all corrections/suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The seminar report has been approved as it satisfies the academic requirements with respect to its work prescribed for the said degree.

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**ABSTRACT**

Web applications are often described as being cross-platform. They are accessible from a multitude of different web browsers, which in turn are running on a multitude of different operating systems. For a time now, developers have used many different tools to create cross-platform applications for mobile devices with web technologies. However, these applications fail to deliver when taken out of their native environment, and often do not feel native at all. Enter Progressive Web Applications, PWA. PWA’s are applications

written for the web with web technologies, running in a browser, but seasoned with some techniques that can make them behave like a native application when running on a mobile device. They are just ordinary web applications with native behaviour such as offline support, installability, and push notifications.

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