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Abstract— Every year many new students get admitted in the universities. These students are facing problem for navigating in campus. It also creates problem to the newcomer to reach the destination / desired location easily and timely. The new faculty member, staff and visitors also face the same problem inside campus. According to the literature survey done, we observed that in the foreign universities have used Google maps services, QR code for navigating within campus. Also, they have used visual odometry and inertial sensors for localization and map building in order to solve the accuracy problems. But in Indian context, we have observed that they worked on solution designed using google map application on android platform to navigate through two campuses of some Universities. In this literature study, it has been also observed that most of the researchers have done work on the indoor navigation that is for rooms, offices, shops. Also, few of them have worked for navigating the campus like

I. INTRODUCTION

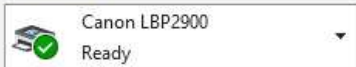
A University Campus may be very large it may have many campuses. Every year lots of new students gets admitted in the university. Many new buildings are built, new courses are started and some department, canteen, library, cabins etc. in the campus and how to find those places from current location. It creates problem to the new comer to reach easily and timely in the desired location. The new faculty member, staff and visitors also face same problem inside campus. During the first year of college, the first problem that many freshers face is to find the classrooms, orientation halls, offices, faculty cabins, student section, account section, examination section etc. Failing to do this in time, they end up getting late for classes. Not just freshers, but many outside visitors might face the same issue. Sometimes, even maps fail to help. So how can new students and other inexperienced persons get oriented in the campus and get support locating locations there with the aid of modern

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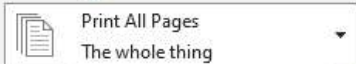
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AR based Web Application for In-campus Navigation

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