

IIT Mandi

Undergraduate Internship Report

Student's Name: Aman Saini

Title of the Project: 5gRAN CI/CD SIT

Commencement Date: 10th January 2022

Completion Date: 10th July 2022

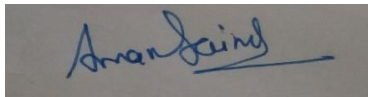
Name of Company/Organisation: Radisys India Pvt Ltd.

Description of the Project

Fifth-generation wireless (5G) is the latest iteration of cellular technology, engineered to greatly increase the speed and responsiveness of wireless networks. A 5G Base Station uses New Radio (NR) technology and is referred to as a gNodeB.

While working as an intern, I was involved in the CI/CD testing of gNodeB Software on X86 PAL Setup. Test Cases were written in Robot Framework for various Interfaces & Features. My job was to add new Test Cases, identify failure reasons of failed Test cases, correct them, or raise any bug if there in software.

Student's Signature:



Date: 9/7/2022

I certify that AMAN SAINI has satisfactorily completed the Internship and worked on the project referred to above. His conduct as an intern has been satisfactory in all respects.



(Signature of Supervisor)

Date: 9/7/2022

Supervisor's Name: Nagender Verma

Designation: Chief Architect

Company/Organisation: Radisys India Pvt Ltd.

Company/Organisation Seal