VISVESVARAYA TECHNOLOGICAL UNIVERSITY Jnana Sangama, Belagavi - 590 018



PROJECT REPORT ON Title of the Project

Thesis submitted in partial fulfillment for the award of degree of Bachelor of Engineering

in

Electronics and Communication Engineering

Submitted by

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING (Accredited by NBA for the academic Years 2018-19, 2019-20 and 2020-21)

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Channasandra,Dr.Vishnuvardhan Road,Bengaluru-560098
2019-20

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CERTIFICATE

Certified that thesis work entitled "Title of the Project Report" is carried out by Student-1, Student-2, Student-3, and Student-4 in partial fulfillment for the award of Bachelor of Engineering in Electronics and Communication Engineering of Visvesvaraya Technological University, Belagavi, during the year 2019-2020.

It is certified that all corrections / suggestions indicated for internal assessment have been incorporated in the report. The project report has been approved as it satisfies the academic requirements in aspect of the project work prescribed for the award of degree of **Bachelor of Engineering**.

•••••	•••••	•••••
Name of the Guide	Dr. Vipula Singh	Dr. M K Venkatesha
Designation	Head of Department	Principal
	External Viva	
Name of the examiners		Signature with date
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DECLARATION

We here by declare that the entire work emobodied in this project report titled, "Title" submitted to Visvesvaraya Technological University, Belagavi, is carried out by us at the department of Electronics and Communication Engineering RNS Institue of Technology, Bengaluru under the guidence of Name of the Guide, Designation. This report has not been submitted in part or full for the reward of any Diploma or degree of this or any other university.

	Name	USN	Signature
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2.		1RN16EC	
3.		1RN16EC	
4.		1RN16EC	

Abstract

LaTeX eases our pressure in writing thesis & reports because of its powerful features such as automatic hyphenation, table of contents, figures & tables, powerful bibliography tool, citations, Automatic Numbering of Chapter, sections, figures & tables, its beautiful fonts, professional output...

Writing too much of code for gives bad impression on LaTeX. But now we have numerous gui tools like gedit-latex-plugin, TeXmaker, Lyx & emacs, which are very much user friendly.

This VTU-project-report-template is written using popular document class, "Memoir". In the coming chapters, we hav given small help manual required for writing report & at the end about template

Acknowledgement

The joy and satisfaction that accompany the successful completion of any task would be incomplete without thanking those who made it possible.

We consider ourselves proud to be a part of RNS Institute of Technology, the institution which molded us in all our endeavors.

We express our gratitude to our beloved Chairman Dr. R N Shetty, for providing state of art facilities.

We express our deep gratitude to **Dr. H N Shivashankar**, Director, who has always been a great source of inspiration.

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We are also thankful to all the teaching and non-teaching faculty of RNSIT for their constant support.

Name1

Name2

Name3

Name4

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Acronyms

Chapter 1

Introduction

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1.1 Motivation

Title: Remote servicing of IPTV using DirectFB and VNC.

1.2 Objectives

Assume you have an IPTV in your home and it has some technical problem. It will be better if the TV technician can solve the problem remotely over Internet.

1.3 Methodology

The project involves 2 primary objectives

- 1. Exploring VNC system module of DirectFB and building it onto the target IPTV
- 2. Extending remote accessibility of IPTV from outside LAN

1.4 Applications

DirectFB features and VNC features have been implemented in IPTV independently.

1.5 Advantages and Disadvantages

The primary goal is establishing communication between IPTV and a remote PC for remote serviceability of IPTV.

1.6 Organisation of the Report

Chapter 2 Literature survey

Chapter 3 title

Chapter 4 title

Chapter 5 Conclusion and Future scope

References

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Appendix A

Topic 1