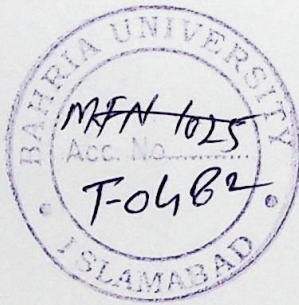


# Satellite Connectivity in Remote Areas

By

Adil Majeed

(Masters Communication Networks  
Session 2002)



To

Bahria University

Supervised by  
Mr. Fazal Wahab

# Satellite Connectivity in Remote Areas

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Adil Majeed

Supervised by  
Mr. Fazal Wahab

IN  
PARTIAL FULFILMENT OF THE REQUIREMENTS FOR  
THE MASTER OF COMPUTER SCIENCE

AUGUST, 2004

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A report is submitted to the department of Computer Sciences  
Institute of Management & Computer Sciences, Islamabad  
Bahria University, Islamabad

# DEDICATION

*I dedicate this project to my father, mother and my teachers. Without the support of these peoples complying this report would have been possible.*

# ACKNOWLEDGEMENT

My Utmost gratitude is to the Almighty Allah for giving me the strength and will power to complete this report. I would also like to express my deepest gratitude to Mr.Fazal Wahab who supervised the compilation of this report and guided me through every stage.

I would also like to throw my appreciation to the team of U-COMM who gave me privilege of cantering my report on this vision of the futuristic models and intricacies of telecommunication.

TAHANK YOU

# PROJECT IN BRIEF

PROJECT TITLE: Satellite Connectivity in Remote Areas

DEDICATED To: Bahria Institute of Management & Computer  
Science Islamabad, Bahria University Islamabad.

UNDERTAKEN BY: Adil Majeed

SUPERVISOR: Mr Fazal Wahab

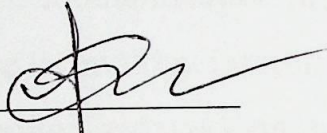
DATE COMPLETED: July 2004

DEVELOPED IN: Visual C

ENVIRONMENT: Custom based Linux, Win 2K

# CERTIFICATE

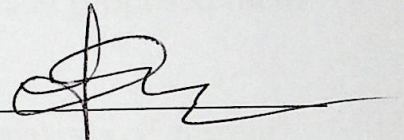
We accept the work contained in this report as a confirming to the required standards for partial fulfilments of the degree of Master in Computer Science (Major in Communication and Networks).



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Head of Departments

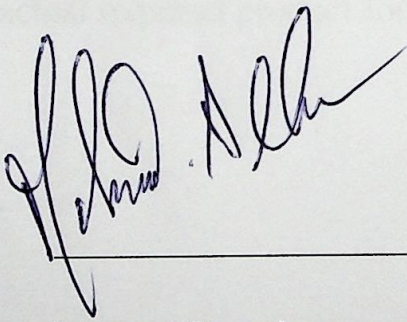
Mr. Fazal Wahab



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Supervisor

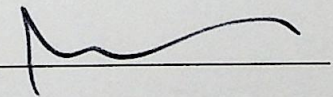
Mr. Fazal Wahab



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Internal Examiner

Dr. M.A. Khan



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External Examiner

# ABSTRACT

This Thesis explores, investigate and make a logical analysis of a project sponsored by OGDC for the installation of wireless communication means at its remote sites.

A British based company called Universal Communication proposed and designed the communication infrastructure for OGDC and proposed them the absolute technology feasibility.

My contribution and work on this project is based on analysis of current Communication means being adopted by OGDC and compilation of data provided by OGDC.

The team work under the supervision of foreign partners gave me great opportunity to sharp my skills and learning of modelling and designing the actual required product for client.

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