

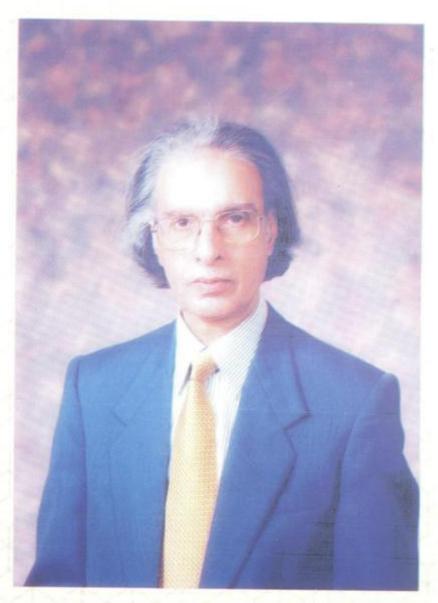
MAIN COMMUNICATION NETWORK

DEPARTMENT PROFILE 2006-2010

UNIVERSITY OF KARACHI

Table of Contents

Message from the Vice Chancellor	2
Message from the Director	4
Main Communication Network	
Introduction	
Current Status	6
Driving Forces	
Director / Advisor	
Technical Committee	
Support Staff	9
Staff in action	10
MCN Network Description	11
Data Center	11
Network Architecture	12
Bandwidth usage	12
Bandwidth availibility	
Average response time	13
Official web site (uok.edu.pk)	14
Web site usage	15
Network Extension / Projects (2006-10)	16
Video Broadcasting and Conferencing	
Multipoint conferencing	16
Computer Application Laboratories (Arts Faculty)	17
Dr. Mahmud Husain Library University of Karachi	18
PERN2 Data Center of HEC at UBIT/DCS	19
FO-based Network at NCP, FST and Biotechnology	19
Future plane	20



Prof. Dr. Pirzada Qasim Raza Siddiqui Vice Chancellor University of Karachi

Message from the Vice Chancellor

It gives me immense pleasure to mention that Department of Main Communication Network, University of Karachi is functioning satisfactorily since the completion of HSFBLAN project in 2006. It has been providing seamless internet facility and related services for over five years now and that the quality of service will further improve in future.

I congratulate the Prof. Dr. S. M. Aqil Burney, Director MCN and all the staff members for their tireless efforts in ensuring smooth and round the clock functioning of the network. The department heavily contributes towards the academic excellence of the university by providing internet access as well as providing digital library facility to the faculty and students of the university and thus connecting them to the global world of research and development spread throughout the world. Moreover, the newly installed video conferencing facility is helping to create an environment that is conducive for research and development in cooperation with foreign universities as well as higher education institutions in other parts of the country.

I hope that in future, MCN will develop, plan and maintain networks according to the needs and requirements of University of Karachi. I also expect it to incorporate latest hardware equipment and upgrade the infrastructure according to the advancements in technology. I also assure that university will provide appropriate financial resources for maintaining the current Quality of Service and enhancing the services provided by MCN.

Prof. Dr. Pirzada Qasim Raza Siddiqui