
NEW SIALKOT INTERNATIONAL AIRPORT



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ABSTRACT

The project (Sialkot International Airport Redesigning) will help to accommodate more people to travel in the air effectively and efficiently. With this redesigning project, the researchers were given the opportunity to provide a design of an Integrated Port Passenger Terminal Building in the Sialkot International Airport for the accommodation of the passengers of the said airport. Current buildings of Sialkot International Airport are oriented in south-east direction of runway, but new design will be using same runway but orientation will be on North-West of existing runway. Moreover, the project would also provide additional functional facilities for the passengers'

necessities and comfort like gardens, movie theatre massage chairs, nap zones, kids play areas, waiting areas, rest rooms, cafeterias and security personnel. The proposed infrastructure will have new access route to the site. The design of the building would follow the specifications of a “Green Building”. Energy saving, efficient lighting system which uses sunlight as primary source in generating power for the proposed structure’s consumption will be installed. This project hopes to help the authorities to improve the quality of their service and to alleviate the growing demand of the passengers by expanding the facilities.

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CHAPTER 1 INTRODUCTION

1.1 INTRODUCTION

An airport is not just a building, it's a living and breathing organism, it is a transition between land and skies. Airports can also be thought as gates to any country/city and the entrance needs to be as magnificent as the house itself. Every year, one and a half billion passengers move through airports. They are scanned, checked and uploaded into the flying machines that will take them on a high-speed journey to elsewhere. An airport processes traffic everything that moves at an airport must connect to a certain part of the network, at a particular moment, and then continue its journey along predetermined paths at a precise velocity.

1.2 THESIS STATEMENT

The purpose of this thesis is to improve the design of airport to provide a more practical environment for the passengers and staff.