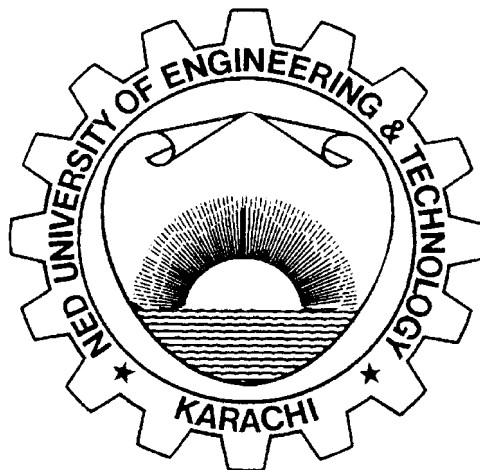# Practical Workbook
CS-215
Signals and Systems

Name   : _____

Year   : _____

Batch   : _____

Roll No   : _____

Department: _____

Department of Computer & Information Systems Engineering
NED University of Engineering & Technology

Practical Workbook
CS-215
Signals and Systems

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Department of Computer & Information Systems Engineering
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INTRODUCTION

The workbook is designed for the students of Department of Computer and Information Systems Engineering, NED University of Engineering and Technology enrolled in the subject of Signals and Systems. The new version of the workbook is made to accommodate the requirement of Objective Based Education (OBE). Four lab sessions are directly mapped on CLO-3 '**Practice** simulation of signals and systems using modern tools'. The taxonomy level is P-3. The CLO has been mapped to PLO-5, 'modern tool usage' which includes lab session 6, 7, 8 and 9.

The workbook is divided in three basic sessions. The first session of the workbook which is from lab session 1 to lab session 5 is to aid student to understand signal processing on MATLAB software. The second session is to design electronic circuits for signal processing. This session is mapped onto CLO-3 as stated above. The third and final session is related to Simulink models for basic signal processing.

CONTENTS