

# CURRICULUM VITAE

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**SEX: MALE**

**NATIONALITY: KENYAN**

**MARITAL STATUS :MARRIED**

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**UNIVERSITY OF NAIROBI**

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## EDUCATIONAL BACKGROUND

**MASTER DEGREE PROGRAMME:**

**UNIVERSITY COLLEGE**

**DR. BABASAHEB MATHWADA UNIVERSITY ( INDIA)**

**FROM 1992 TO 1995.**

**AWARD : MASTER OF COMPUTER APPLICATIONS ( MCA)**

**GRADE: FIRST DIVISION**

## AREAS OF SPECIALLISATION

**COMPUTER ARCHITECTURE I AND II**

**ANALYSIS AND DESIGN OF ALGORITHMS**

**SYSTEMS ANALYSIS AND DESIGN**

**SOFTWARE ENGINEERING METHODOLOGIES**

**DATA STRUCTURE AND FILE MANAGEMENT**

**DISTRIBUTED DATABASE SYSTEMS**

## KEY AREAS OF STUDY

**DATA COMMUNICATION PRINCIPLES**

**OPERATING SYSTEMS**

**DATABASE SYSTEMS**

**COMPUTER NETWORKING PRINCIPLES**

**DATA WAREHOUSING AND DATA MINING**

**ANALYSIS AND DESIGN OF ALGORITHMS**

**GEOGRAPHIC INFORMATION SYSTEMS**

**ICT AND SOCIETY**

**NUMERICAL METHODS**

**SOFTWARE QUALITY MANAGEMENT**

**PROBABILITY AND STATISTICS I AND II**

**MANAGEMENT OF INFORMATION SYSTEMS**

**SYSTEMS ANALYSIS AND DESIGN**

**OPERATIONS RESEARCH**

**CALCULUS I AND II**

**EVALUATION OF COMPUTER SYSTEMS AND CENTER MANAGEMENT**

**PROGRAMMING WITH C++**

**PROGRAMMING WITH VISUAL BASIC**

**PROGRAMMING WITH FORTRAN**

**PROJECT WORK ( One year research work leading to system development Hospital management information system)**

**BACHELOR DEGREE PROGRAMME:**

**UNIVERSITY COLLEGE**

**MATHWADA UNIVERSITY ( INDIA)**

**FROM 1989 TO 1992.**

**AWARD : BACHELOR OF COMMERCE**

**GRADE: SECOND DIVISION**

**AREAS OF SPECIALISATION**

**ACCOUNTANCY**

**AUDITING**

**COST ACCOUNTANCY**

**PRINCIPLE OF MANAGEMENT**

**COMPANY LAW**

**ECONOMICS**

**MANAGEMENT ACCOUNTANCY AND TAXATION**

**MARKETING RESEARCH**

**'A' LEVEL**

**KENYATTA HIGH SCHOOL- TAITA**

**SUBJECT STUDIED**

**MATHEMATICS**

**ECONOMICS**

**GEOGRAPHY**

**GRADE: TWO PRINCIPLE PASSES AND ONE SUBSIDIARY**

**'O' LEVEL**

**HOMABAY HIGH SCHOOL**

**SUBJECT STUDIED**

**MATHEMATICS**

**CHEMISTRY**

**BIOLOGY**

**CRE**

**HISTORY**

**GRADE: SECOND DIVISION**

**PRIMARY SCHOOL**

**USINGO**

**AWARD: CPE. ( 34 POINTS)**

**OTHER QUALIFICATIONS:**

**CERTIFICATE IN UNIX AND INGRESS**

**DIPLOMA IN SYSTEMS ANALYSIS AND DESIGN**

## **WORKING EXPERIENCE**

**HEAD OF COMPUTER DEPARTMENT  
OSHWAL COLLEGE ( FROM 1996-1998)**

**PART –TIME LECTURER ( INFORMATION TECHNOLOGY DIVISION )  
KENYA SCHOOL OF MONETARY STUDIES( FROM 15<sup>TH</sup> JUNE, 1998-JUNE 1999)**

**PART –TIME LECTURER ( INFORMATION TECHNOLOGY DIVISION )  
INOORERO UNIVERSITY (KENYA SCHOOL OF PROFESSIONAL STUDIES)**

**STUDENT INFORMATION SYSTEMS MANAGEMENT /  
CHIROMO CAMPUS ( FROM FEB 1999 TILL NOW )**

**PARTTIME LECTURER UNIVERSITY OF NAIROBI  
( FROM JUNE 2003 TILL NOW )**

## **MAIN TEACHING AREAS :**

**PROGRAMMING METHODOLOGY  
ANAYSIS AND DESIGN OF ALGORITHMS  
SOFTWARE ENGINEERING  
PARALLEL COMPUTER SYSTEMS  
ARTIFICIAL INTELLIGENCE  
DATABASE SYSTEMS**

## **PHD RESEARCH AREA:**

**COMMUNITY BASED INFORMATION SYSTEM THROUGH INFORMATION  
AND COMMUNICATION TECHNOLOGY FOR STRATEGIC PLANNING.**

## **REFEREES**

**PROFESSOR JOHN ODHIAMBO  
VICE CHANCELOR  
STRATHMORE UNIVERSITY  
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NAIROBI**

**DR. KENNETH KADUKI  
CHAIRMAN ,DEPARTMENT OF PHYSICS  
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TEL: 4447552  
P O BOX 30197  
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**PROFESSOR POKHARIYAL**

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