

**FACTORS CONTRIBUTING TO LOW ENROLMENT OF GIRLS IN  
PHYSICS IN PUBLIC SECONDARY SCHOOLS IN NYAMACHE  
SUB-COUNTY, KISII COUNTY, KENYA**

**BY**

**BONIFACE ORINA OGENCHE**

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**A RESEARCH PROJECT SUBMITTED TO THE SCHOOL OF  
EDUCATION IN PARTIAL FULFILMENT OF THE  
REQUIREMENTS FOR THE AWARD OF BACHELORS IN  
EDUCATION OF MOUNT KENYA UNIVERSITY**

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## ABSTRACT

The study aimed at investigating the factors contributing to low enrolment of girls in Physics in Public secondary schools in Nyamache Sub-County, Kisii County. The research design for this study was descriptive survey design. Mugenda and Mugenda (2003), defines a descriptive survey as an attempt to collect data from members of population in order to determine the correct status of that population with respect to one or more variables. The researcher targeted 100 public schools in Nyamache Sub-County. According to the County Education Office Nyamache Sub-County 2014, there are 120 Physics teachers in the district with the enrolment of 4000 students in form three and four falling under the study population. Stratified random sampling method was used in selecting schools to be included in the sample. This sampling method was suitable because it involves dividing the population into homogeneous sub-groups and then taking a simple random sample in each sub-group. The researcher identified all those participants to take part by using what is known as random numbers, numbering all the participants of the population and then randomly collect the sample required. 24 physics teachers out of 120 teachers were selected to participate in the study and 400 students out of 4,000 students, making a total of 444 respondents. During data collection procedure, the researcher used own-made questionnaires, group discussion and interviews to gather information from students. The questionnaires consisted of both closed and open-ended questions. The researcher administered questionnaire to the students to ensure consistency and accuracy.