Abstract

Background: The realization of the benefits of ICT in the educational process to a large extent depends on the academic staffs that play crucial role in any innovation that takes place in the educational settings. The utilization of ICT in universities has been an issue that needs to be assessed in order to determine the extent to which ICT has utilized by the academic staff of the universities.

Objective: to assess utilization of Information Communication Technology (ICT) and associated factors in Bahirdar University academic staffs.

Methods: A quantitative cross-sectional study was conducted among 351 academic staffs that were selected using simple random sampling technique. It was conducted in all five campuses of Bahirdar University. The data was entered in to EPI INFO version 7.0 statistical software and then transferred to SPSS version 20.0 for further analysis.
Results and Discussion: 351 respondents, age from 24 to 60 years were participated in the study and included in the analysis. The constitute of male, ever marriage and urban residence of respondents were 82.3%, 74.4% and 39.9% respectively. 89.7% of study subjects had laptop computer. The extent of ICT utilization by academic staff reached 56.7%. Of respondents with first degree education level only 4.8% of had good ICT utilization habit [AOR=0.048, 95% CI (0.014, 0.164)]. This means individuals with first degree had 95.2% less likely ICT utilization habit compared with their counter parts. Among poor ICT knowledge only 0.4% of had good ICT utilization habit [AOR=0.004, 95% CI (0.001, 0.015)]. Out of no training received individuals 2.8% of had good ICT utilization habit [AOR=0.028, 95% CI (0.006, 0.132)].

Conclusion: ICT utilization habit of Academic staffs was found to be good. ICT knowledge, education level, laptop access, photocopier access, scanner access and ICT training were the prominent factor for ICT utilization among academic staffs.

References

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Index Terms

Computer Science

Communications

Keywords

ICT, ICT Utilization, Academic Staffs, Bahirdar University