AMA International University BAHRAIN

COLLEGE OF COMPUTER STUDIES (CCS)

ALUMNI SURVEY TRACER STUDY
AY2016-2017

AMA International University-Bahrain (AMAIUB) periodically conducts tracer studies on its alumni to specifically monitor the link of the program with the employment of its graduates and eventually better improve its curricular offerings, systems and procedures to enable the graduates to be competitive and responsive to the needs of the labor environment.

This alumni tracer study generally aims to determine the attainment of the Program Educational Objectives (PEOs). It also intends to identify the alumni employment destination, status, and their distribution by industry sector and the assessment of Programme Intended Learning Outcomes (PILOs). Hence, this report summarizes the results of the tracer study of the graduates of the Bachelor of Science in Computer Science (BSCS) programme.

Results of this survey will serve as a basis for improving the quality of teaching and learning thus identifying the key result areas for improvement. Hence ensures that the curriculum is in harmony with the need of the various manpower industries.

The alumni survey was administered online by the Placement, Linkages and Alumni Office (PLAO) during the 3rd Trimester of the Academic Year (AY) 2016-2017 among the 25 alumni of the Bachelor of Science in Computer Science (BSCS) Batch 2014-2015.

The evaluation of the PEOs/PILOs was rated by the alumni using range of ratings with descriptive interpretation.

Range of Ratings	Descriptive Interpretation
4.51- 5.00	Strongly Agree
3.51- 4.50	Agree
2.51- 3.50	Agree to some extent
1.51- 2.50	Disagree
1.00 - 1.50	Strongly Disagree

The mean rating of 3.51 to 5.00 means that the PEOs/PILOs were attained therefore AMAIUB graduates of the BSCS programme were able to practice as successful computing professionals for the advancement of society (PEO 1) and promote professionalism in computing practice (PEO 2).

The results of the BSCS AY2016-2017 alumni survey tracer study depict the following:

On BSCS Alumni Destination

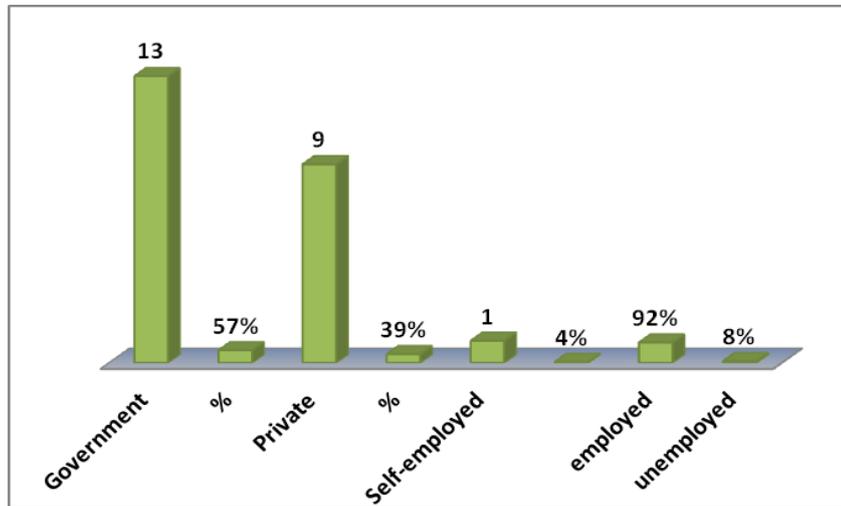**(a) Employment Status and Distribution by Sector**

Figure 1. BSCS alumni status and distribution by sector

Ninety-two percent (92%) of the BSCS alumni Batch 2014-2015 were employed in both government and private agencies with 8% unemployed. Most of the employed graduates with 57% of them were in the various government agencies while 39% were in the private firms and 4% in business-owned company (Figure 1).

(b) On BSCS Alumni in Various Industry Sector

Most of the graduates of the BSCS programme were in the administrative, management and marketing firms (48%) while others were in the technical and manufacturing industries (26%) as well as in related fields (Military& Police-BDF, Traffic, National Guard) which composed the remaining 26% (Figure 2).

Results further show that there is greater opportunity for the BSCS graduates to be employed in various fields in line with the college/university-derived knowledge and skills and work-based learning (WBL) experiences.
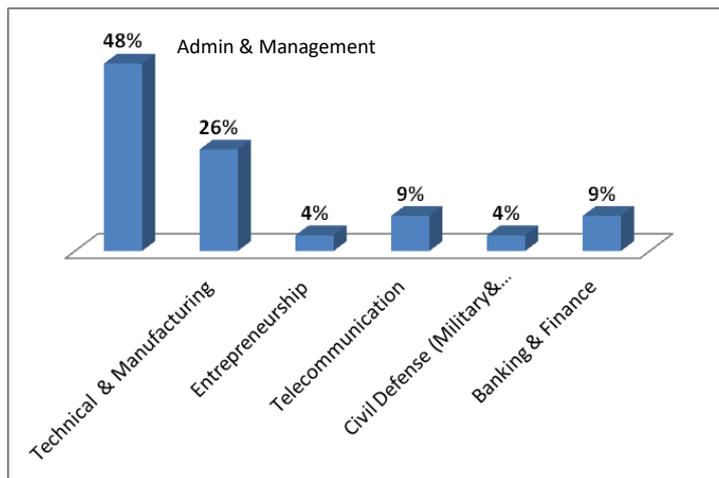
Figure 2. BSCS alumni in various industry

On the Assessment of BSCS Programme Educational Objectives (PEOs)

The program educational objectives are broad statements that describe the attainment of the expectations from the graduates of the BSCS programme.

(a) PEO1. To enable our graduates to practice a successful computing professionals for the advancement of society

Considering the various indicators, a weighted mean of 4.52 (Figure 3) implies that the graduates of the BSCS programme **strongly agree** that they were able to practice successful computing professionals for the advancement of society, hence PEO1 is attained.

(b) **PEO2. To promote professionalism in computing practice**

With reference to the different indicators, a weighted mean rating of 4.56 (Figure 3) revealed that the alumni **strongly agree** that they were able to promote professionalism in computing practice, therefore PEO 2 is attained.

The over-all mean of 4.54 (Figure 3) implies that the BSCS alumni Batch 2014-2015 **strongly agree** on the attainment of the PEOs for the BSCS programme. Therefore, AMAIUB has been successful in the delivery of outcome-based instruction.

On the assessment of Programme Intended Learning Outcomes (PILOs)

A weighted mean of 4.56 (Figure 3) indicates that the BSCS alumni Batch 2014-2015 **strongly agree** on the identified factors for the assessment of PILOs hence **attained**. Results also imply that the graduates of the BSCS programme are endowed with the attributes characteristic of the

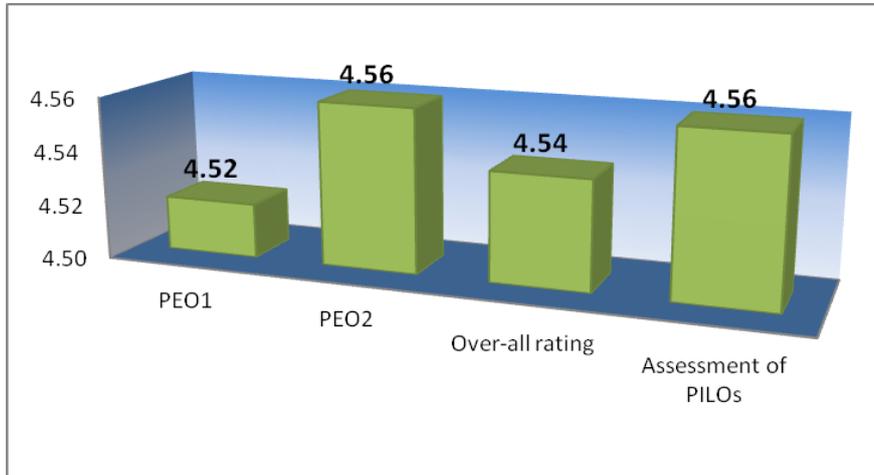programme. Therefore the BSCS alumni had been prepared to become competitive in the local, global and international computing manpower resources.

Figure 3. Assessment of BSCS PEOs and PILOs