

THE CHINESE UNIVERSITY OF HONG KONG

DEPARTMENT OF INFORMATION ENGINEERING

**EMPLOYMENT SURVEY
OF
2020 I.E. GRADUATES**

FEBRUARY, 2021

The Department of Information Engineering conducts annually an employment survey on the year's graduates in order to obtain information about their career destinations after graduation. The seventeenth survey was conducted in February 2021 by means of questionnaires to all 2020 I.E. Graduates. The total number of graduates is 81. Out of 81 graduates, 50 provided valid responses, which gave a response rate of 61.73%. From the reply, we know that around 18% graduates were further their studies on a full-time basis, while 2.78% graduates with full-time employment study in part-time mode after work. The commercial and industry sector provided employment opportunities for as many as 72.22% of the graduates who were in employment. This was followed by the Education sector, 16.67%. Both the Social and Public Organization sector and the Government both shared 5.56%. Unless otherwise specified, percentages quoted in this report are based on the number of respondents who are currently in full-time employment.

- A. 2020 I.E. Graduates Status in March 2021
 - Figure 1 a - Graduates Status
 - Figure 1 b - Company Nature
 - Figure 1 c - Job Nature

- B. Source of Job Searching Channels
 - Figure 2

- C. Time of First Job Offers
 - Figure 3

- D. Number of Job Offers
 - Figure 4.
 - The average number of job offers for the year's graduates is **2.08**.

- E. Frequency of Travelling to Mainland China for work
 - Figure 5

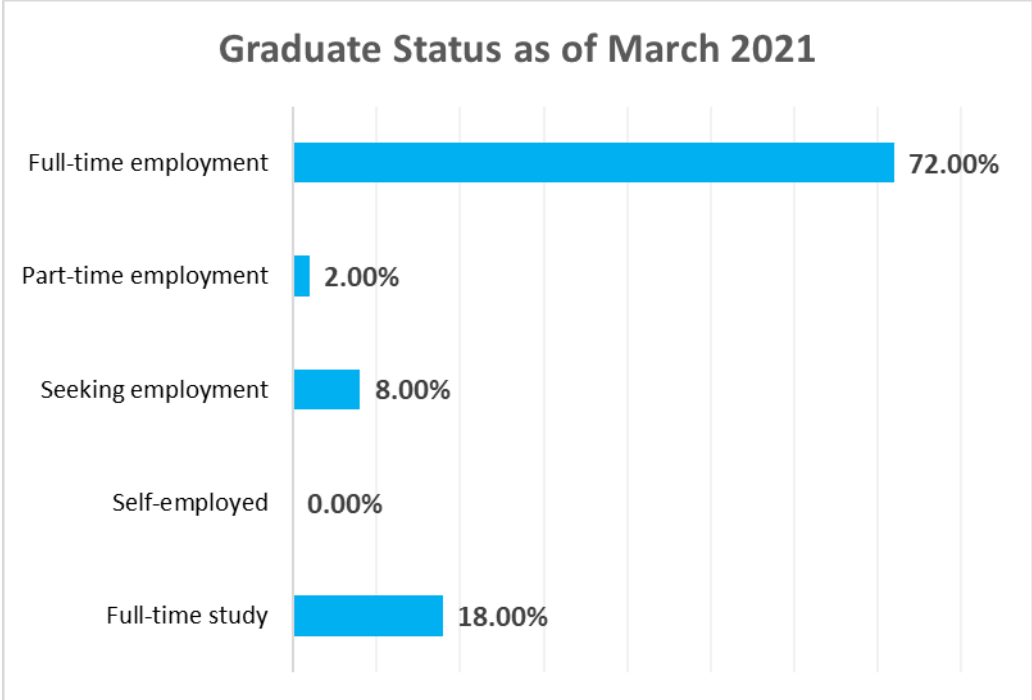
- F. Frequency of Travelling to other countries for work
 - Figure 6

- G. Further Study
 - Figure 7a – Further Study after Work
 - Figure 7b – Level of Study (*including data of graduates who pursue full-time further study*)
 - Figure 7c – Further Study Destination (*including data of graduates who pursue full-time further study*)

- H. Extent of Fulfillment to Programme Outcomes

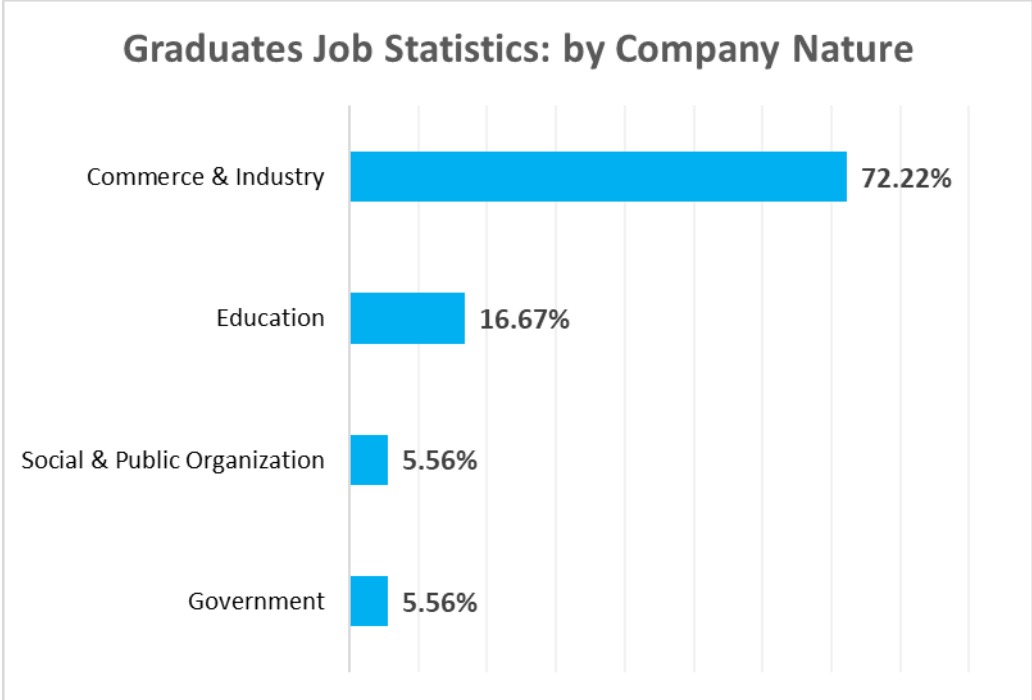
- Figure 8a – I can apply knowledge of mathematics, science, and engineering appropriate to the degree discipline
- Figure 8b – I can design and conduct experiments, as well as to analyze and interpret data
- Figure 8c – I can design a system, component or process to meet desired needs within realistic constraints, such as economic, environmental, social, political, ethical, health and safety, manufacturability and sustainability
- Figure 8d – I can function on multi-disciplinary teams
- Figure 8e – I can identify, formulate and solve engineering problems
- Figure 8f – I can understand professional and ethical responsibility
- Figure 8g – I can communicate effectively
- Figure 8h – I can understand the impact of engineering solutions in a global and societal context, especially the importance of health, safety and environment considerations to both workers and the general public
- Figure 8i – I can stay abreast of contemporary issues
- Figure 8j – I can recognize the need for, and to engage in life-long learning
- Figure 8k – I can use the techniques, skills, and modern engineering tools necessary for engineering practice appropriate to the degree discipline
- Figure 8l – I can use the computer / IT tools relevant to the discipline along with an understanding of their processes and limitations

Figure 1a – Graduate Status as of March 2021



Percentages might not total 100% due to rounding

Figure 1b - Graduates Job Statistics: by Company Nature



Percentages might not total 100% due to rounding

Figure 1c - Graduates Job Statistics: by Job Nature

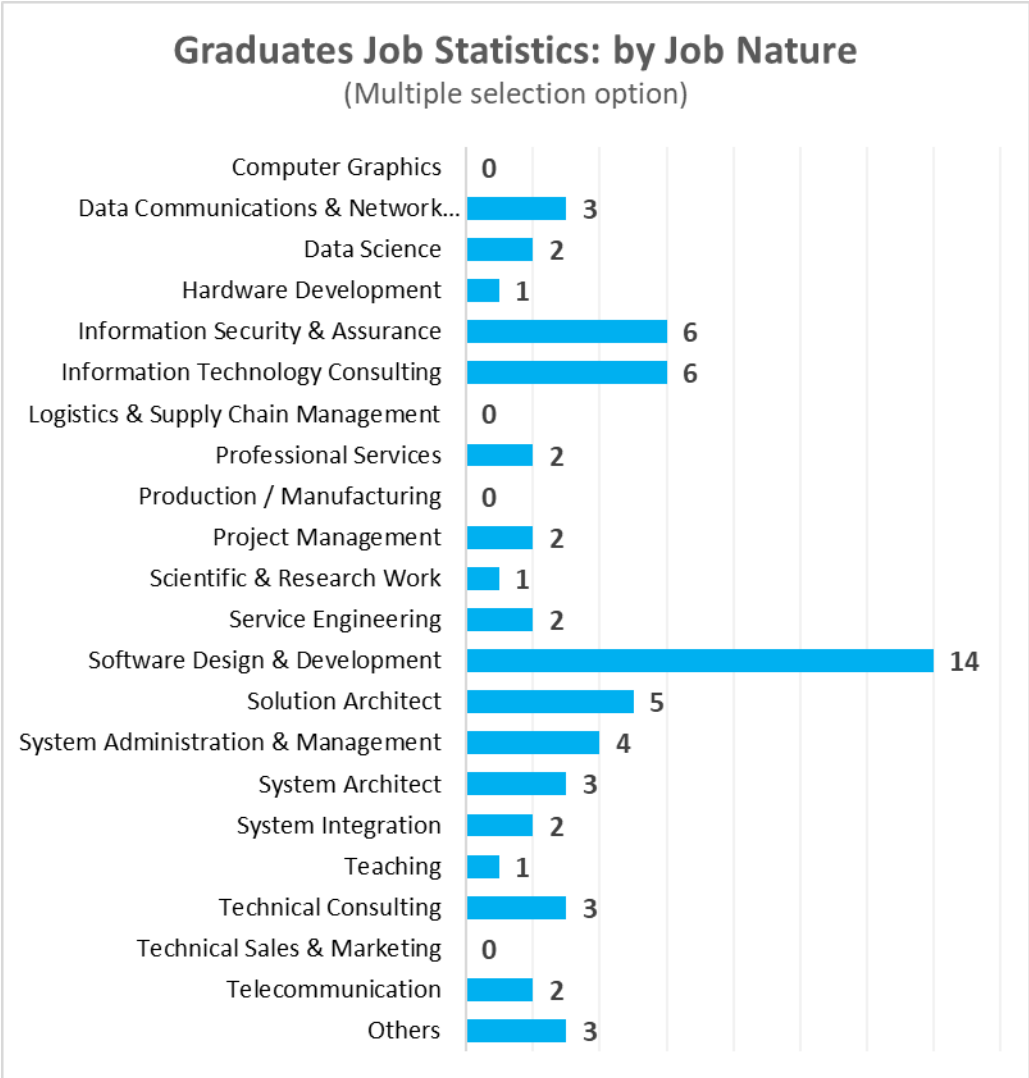


Figure 2 - Source of Job Searching Channels

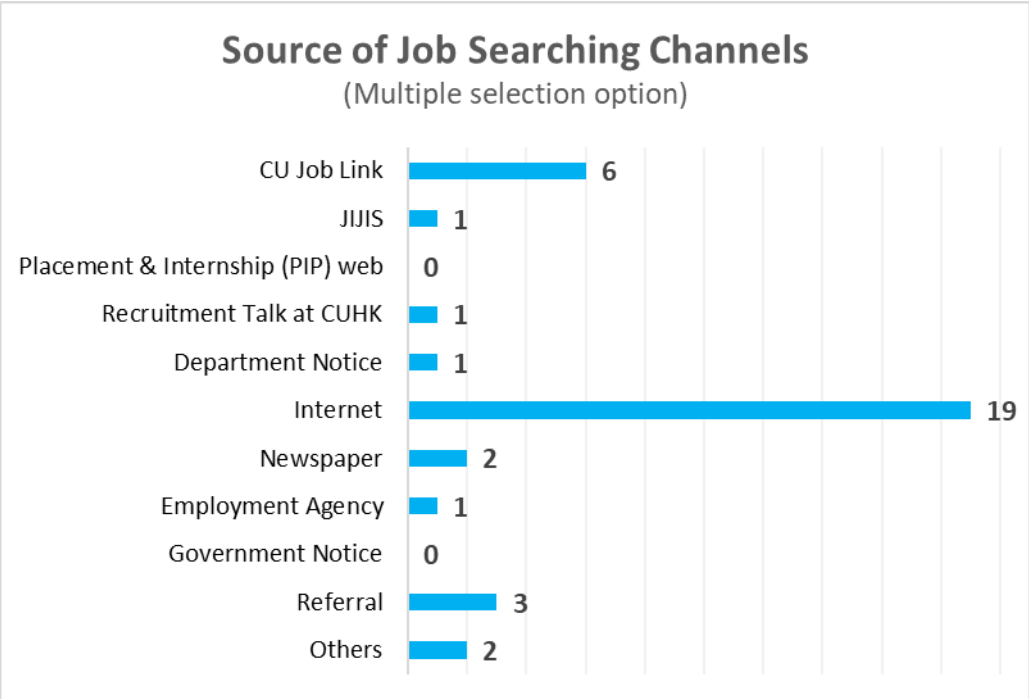
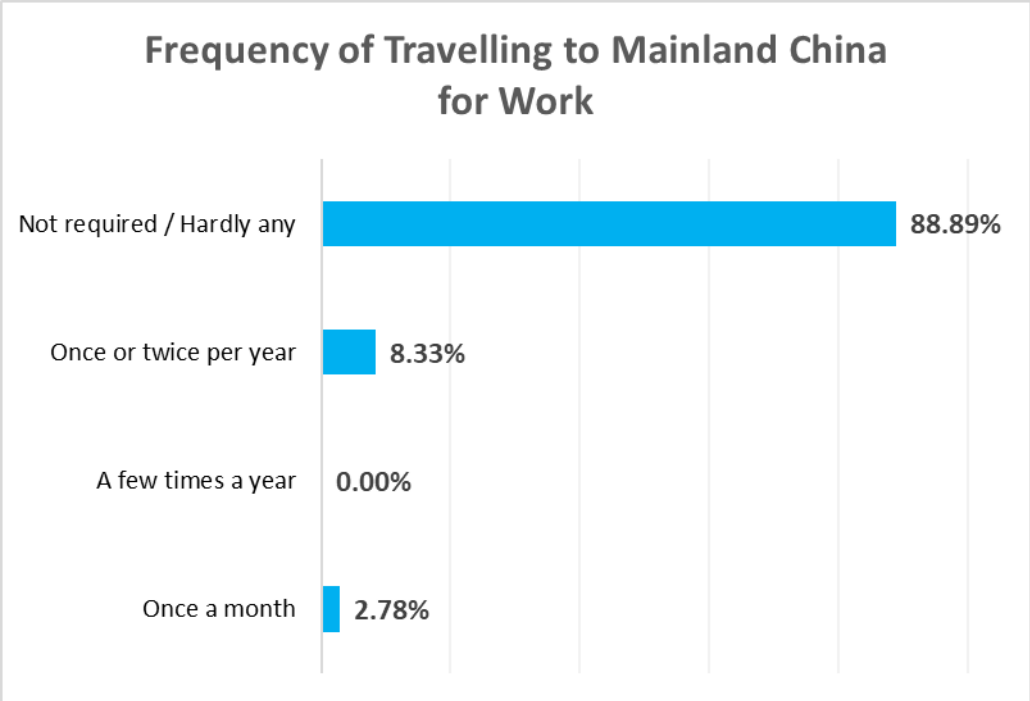
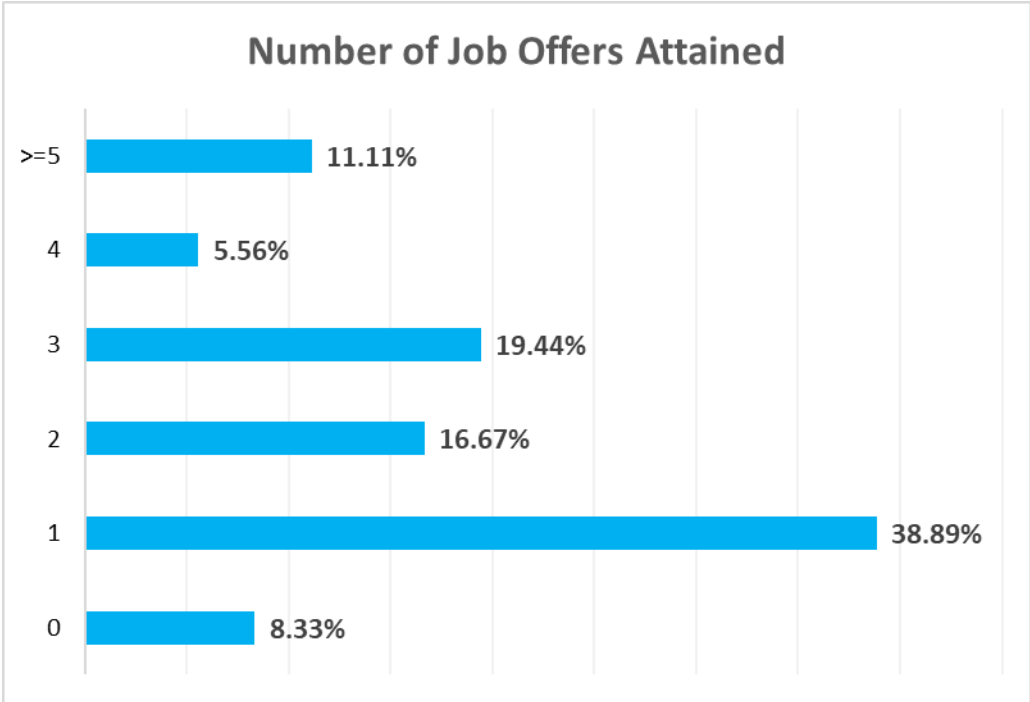


Figure 3 - Time of First Job Offers



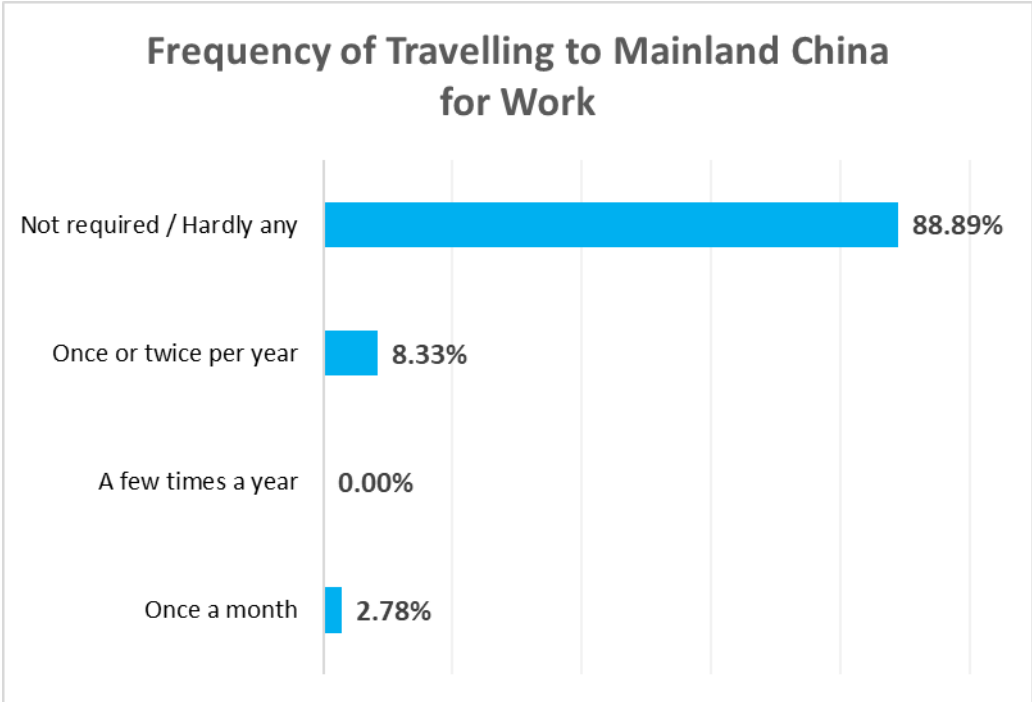
Percentages might not total 100% due to rounding

Figure 4 - Number of Job Offers Attained



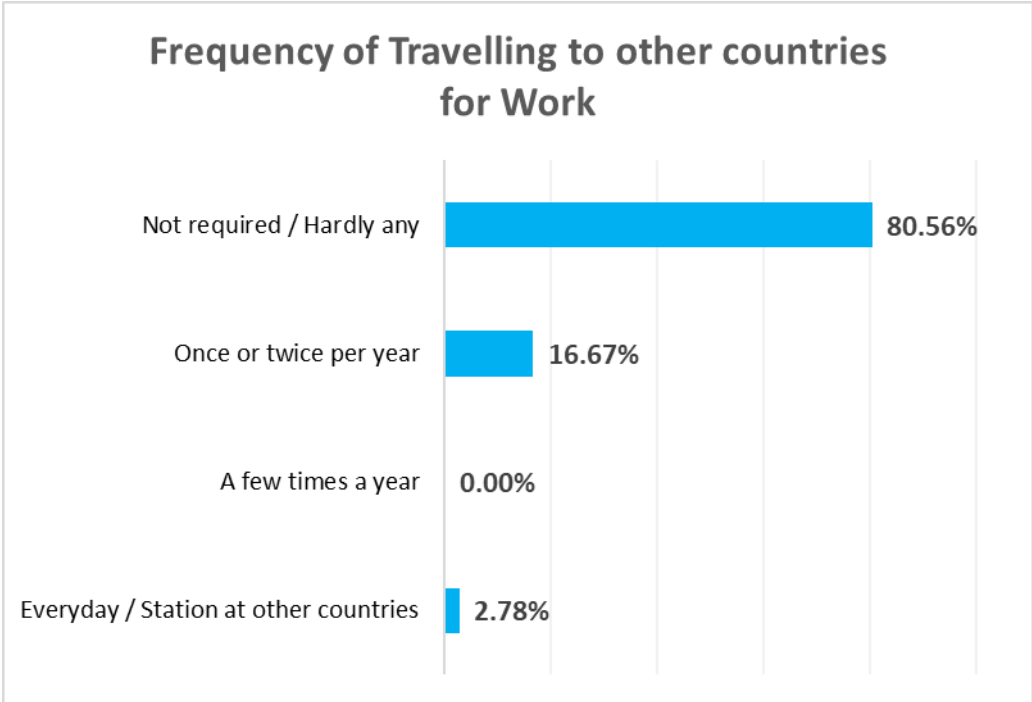
Percentages might not total 100% due to rounding

Figure 5 - Frequency of Travelling to Mainland China for Work



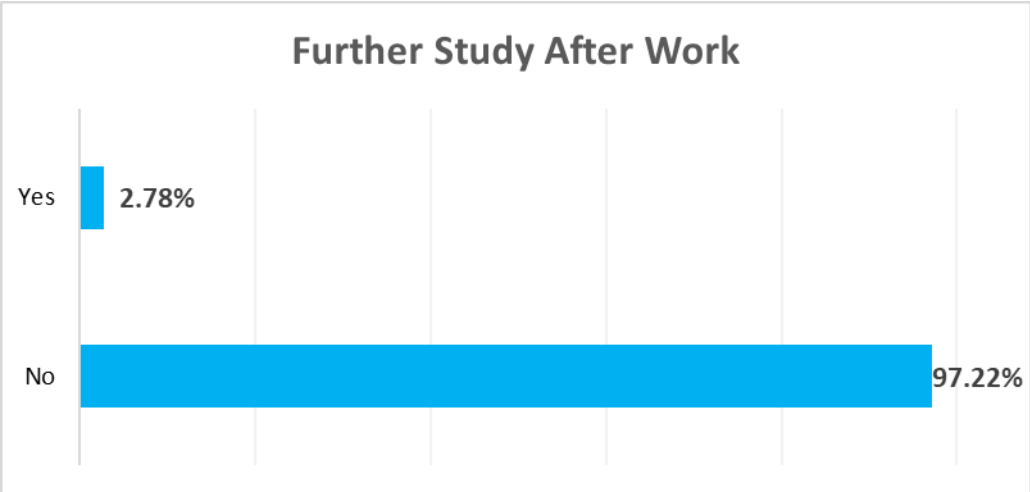
Percentages might not total 100% due to rounding

Figure 6 – Frequency of Travelling to Other Countries for Work



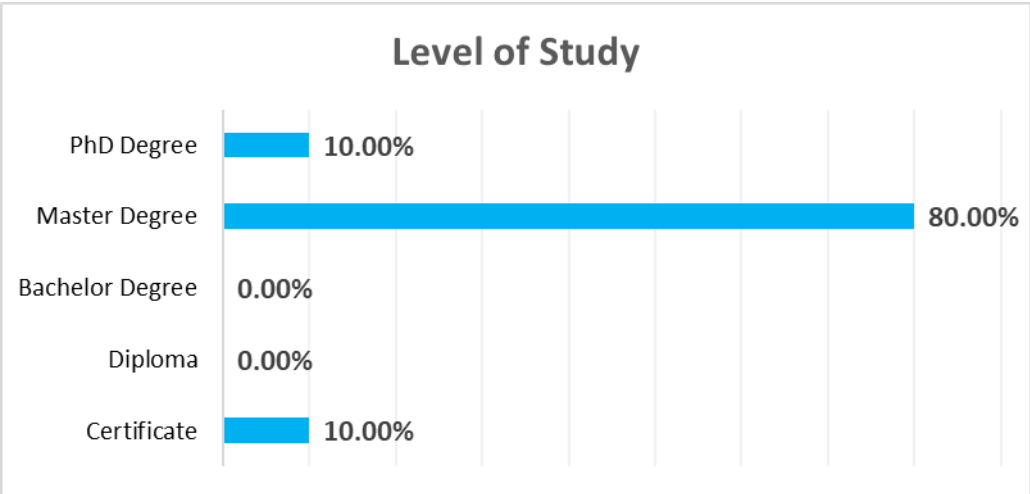
Percentages might not total 100% due to rounding

Figure 7a – Graduates taking part in Further Study after Work



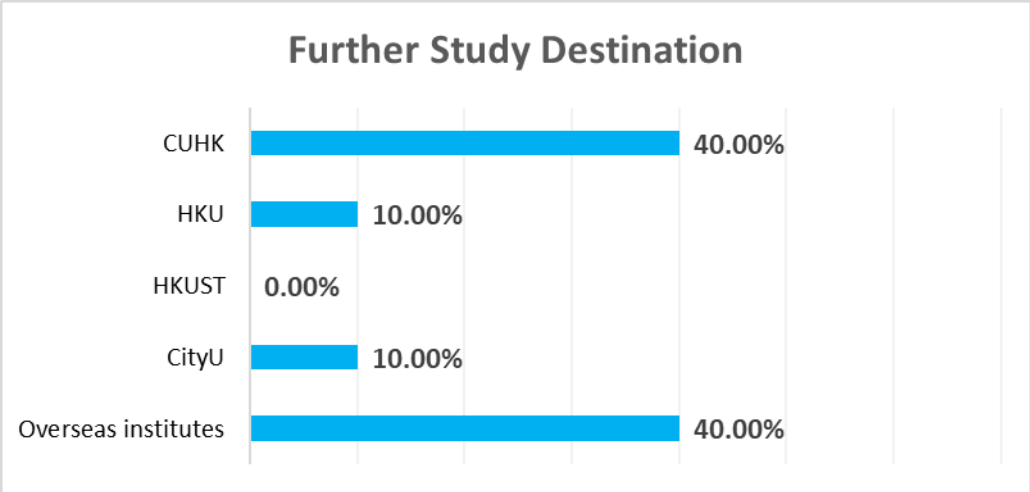
Percentages might not total 100% due to rounding

Figure 7b – Level of Study (including data of graduates who pursue full-time further study)



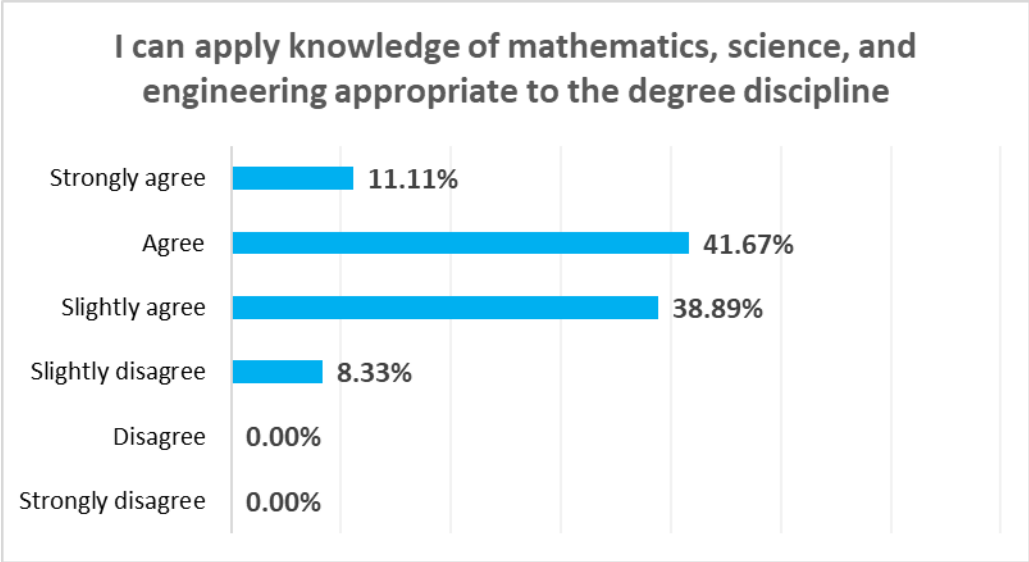
Percentages might not total 100% due to rounding

Figure 7c – Further Study Destination (including data of graduates who pursue full-time further study)



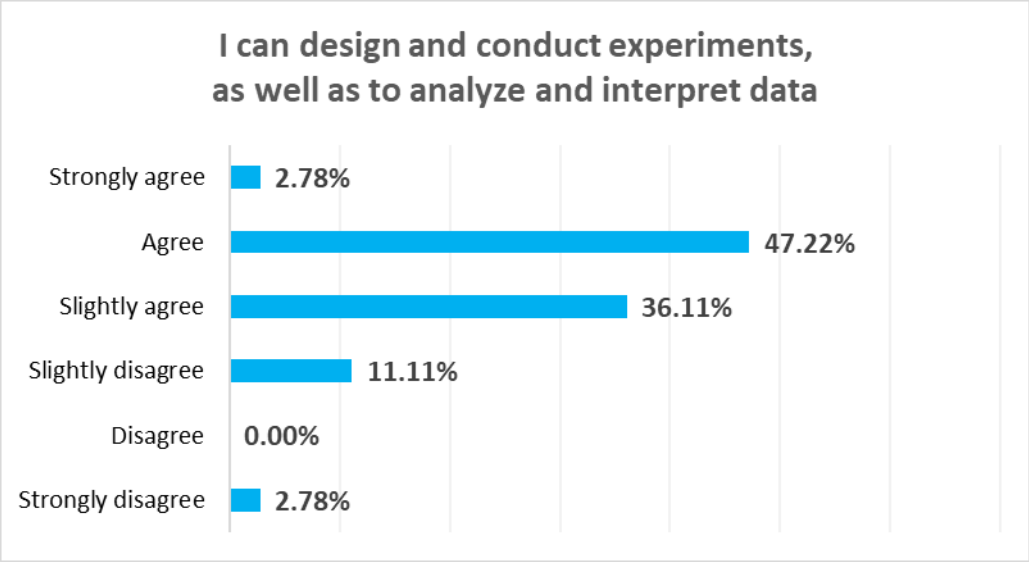
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Figure 8a – I can apply knowledge of mathematics, science, and engineering appropriate to the degree discipline



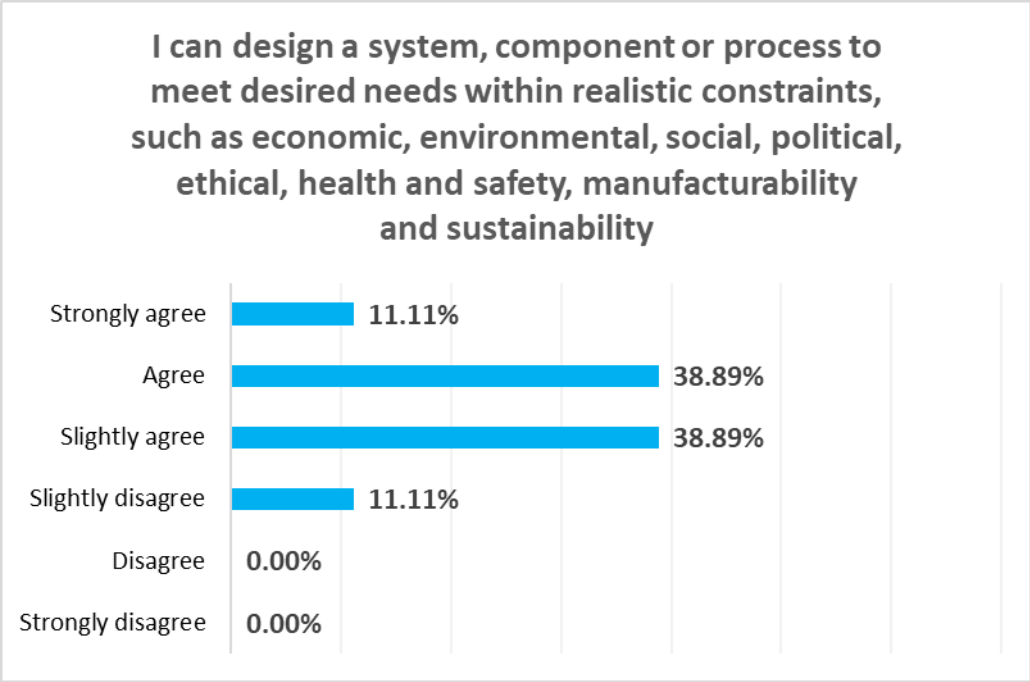
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Figure 8b – I can design and conduct experiments, as well as to analyze and interpret data



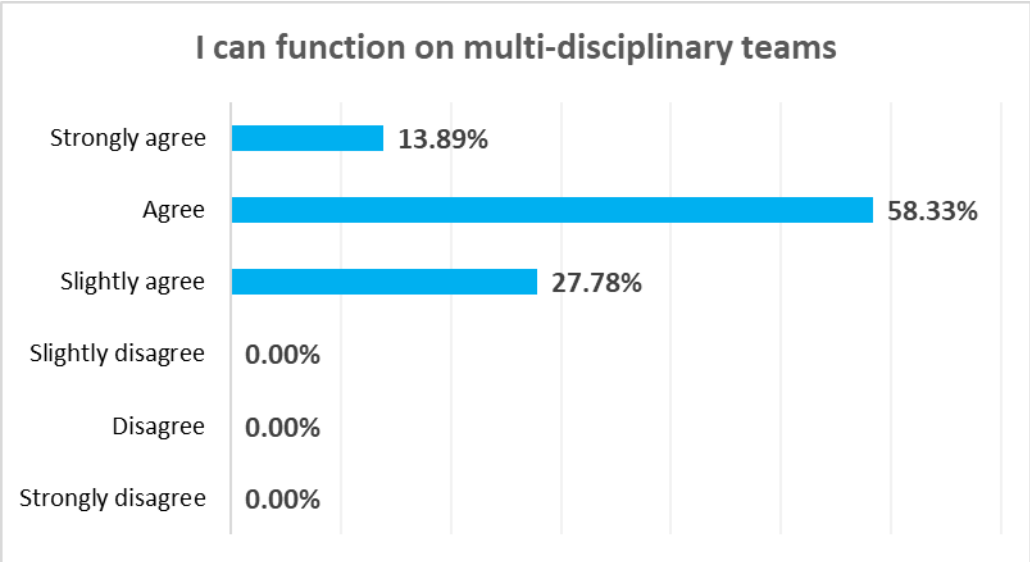
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Figure 8c – I can design a system, component or process to meet desired needs within realistic constraints, such as economic, environmental, social, political, ethical, health and safety, manufacturability and sustainability



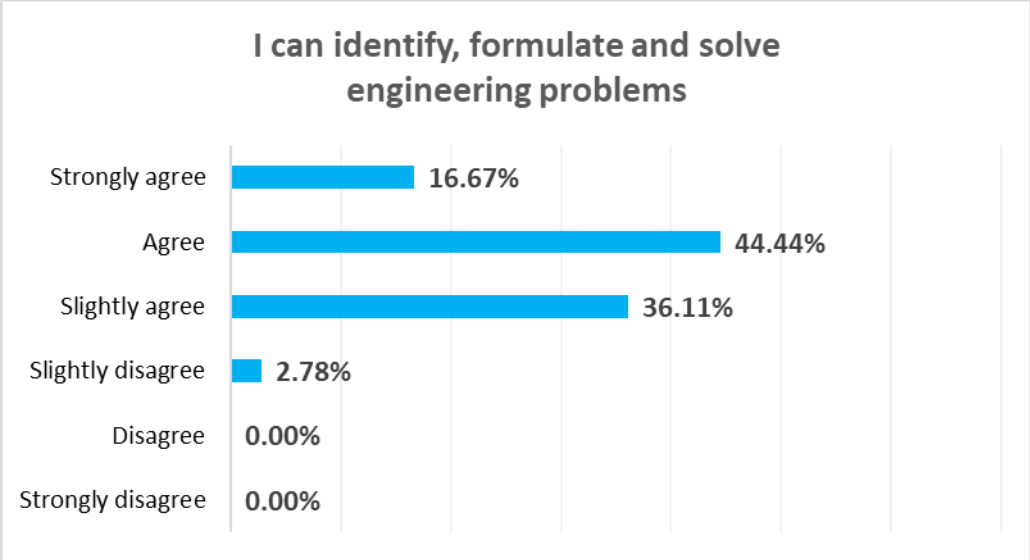
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Figure 8d – I can function on multi-disciplinary teams



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Figure 8e – I can identify, formulate and solve engineering problems



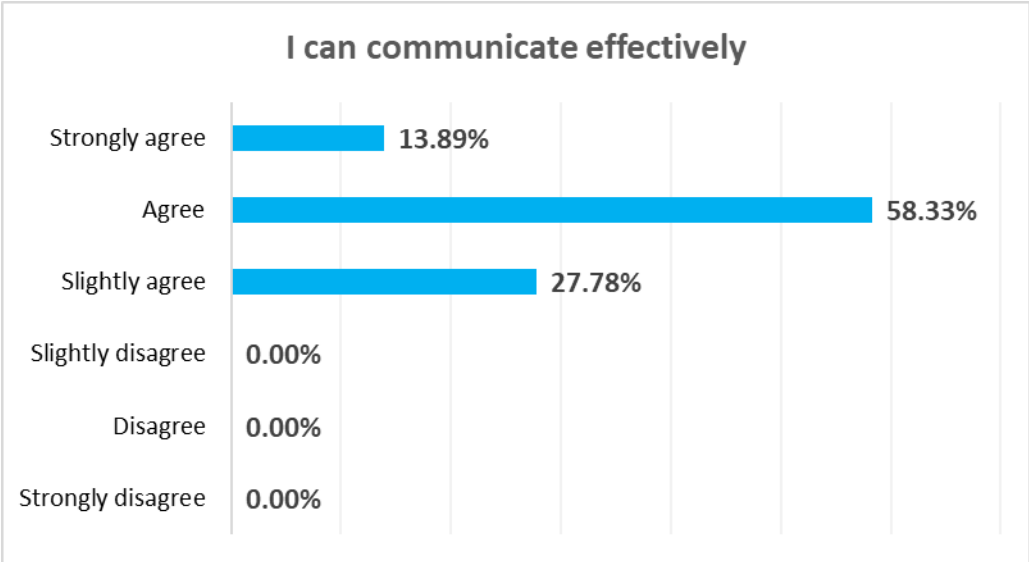
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Figure 8f – I can understand professional and ethical responsibility



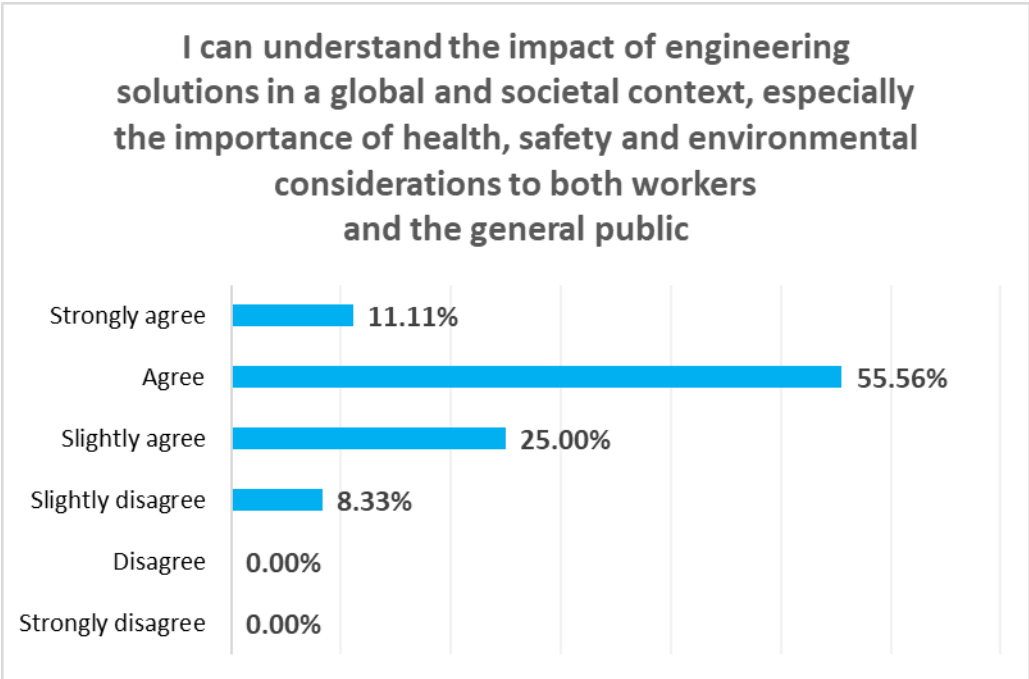
Percentages might not total 100% due to rounding

Figure 8g – I can communicate effectively



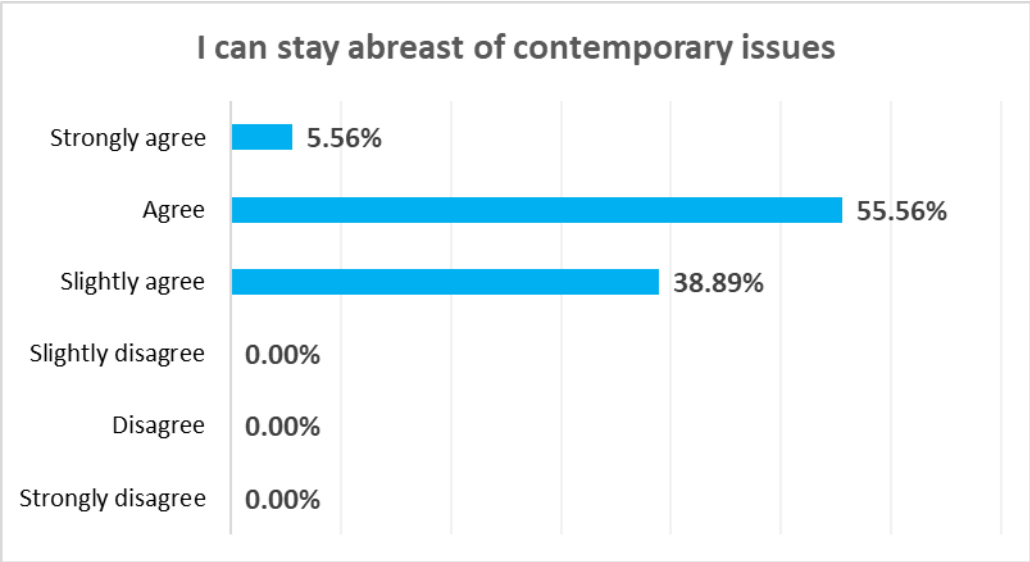
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Figure 8h – I can understand the impact of engineering solutions in a global and societal context, especially the importance of health, safety and environment considerations to both workers and the general public



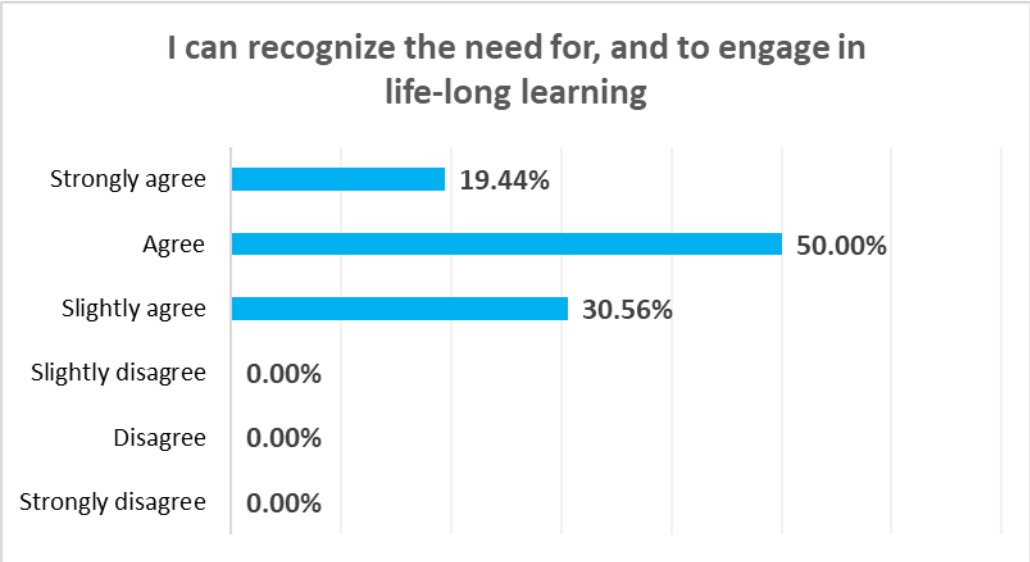
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Figure 8i – I can stay abreast of contemporary issues



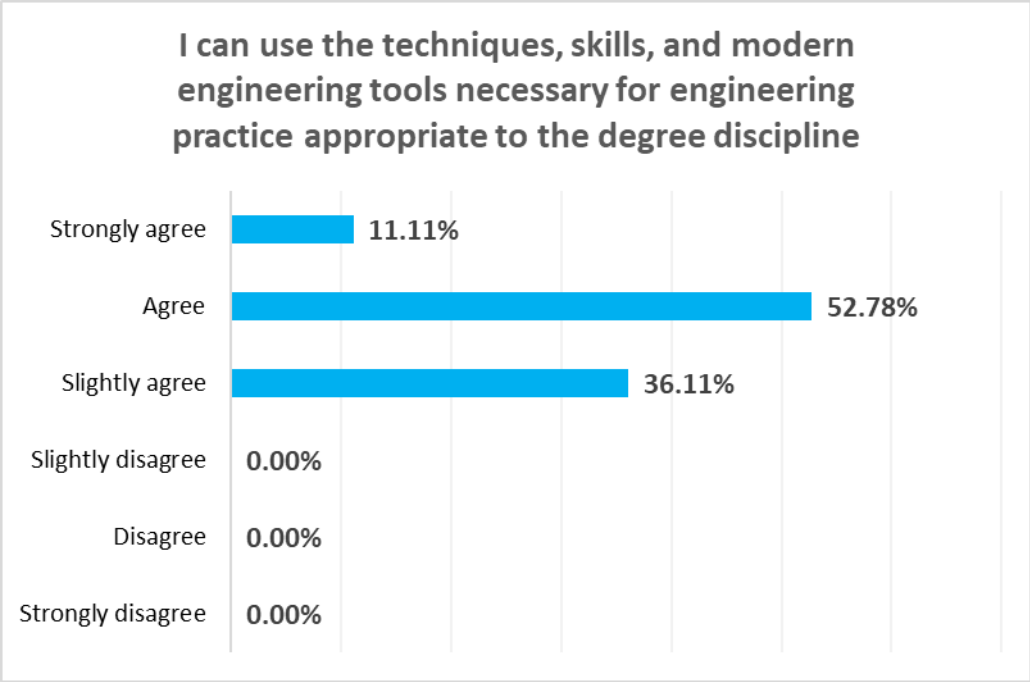
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Figure 8j – I can recognize the need for, and to engage in life-long learning



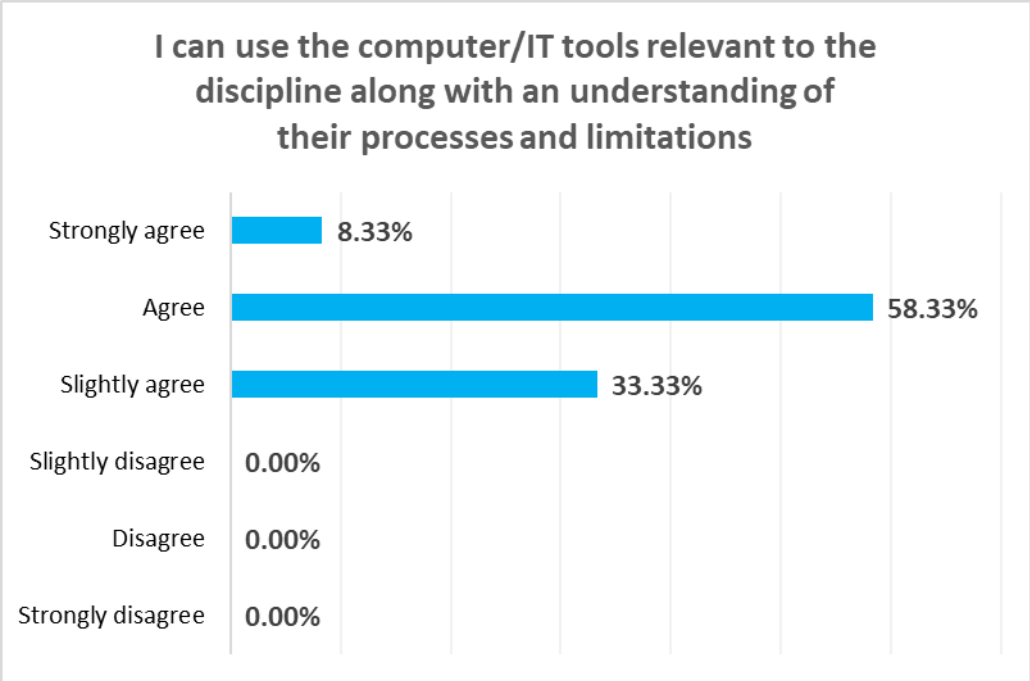
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Figure 8k – I can use the techniques, skills, and modern engineering tools necessary for engineering practice appropriate to the degree discipline



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