

THE CHINESE UNIVERSITY OF HONG KONG

DEPARTMENT OF INFORMATION ENGINEERING

**EMPLOYMENT SURVEY
OF
2018 I.E. GRADUATES**

FEBRUARY, 2019

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 fifteenth survey was conducted in February 2019 by means of questionnaires to all 2018 I.E. Graduates. The total number of graduates is 80. Out of 80 graduates, 44 provided valid responses, which gave a response rate of 55%. From the reply, we know that around 22.73% graduates were further their studies on a full-time basis. It was also encouraging that 6.45% graduates with full-time employment study in part-time mode after work. The commercial and industry sector provided employment opportunities for as many as 82.36% of the graduates who were in employment. This was followed by the Government, 8.82%, Social and Public Organization sector, 5.88%, and the educational sector, 2.94%. Unless otherwise specified, percentages quoted in this report are based on the number of respondents who are currently in full-time employment.

A. 2018 I.E. Graduates Status in February 2019

- 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 **3.21**.

E. Frequency of Travelling to Mainland China for work

- Figure 5

F. Further Study

- Figure 6a – Further Study after Work
- Figure 6b – Level of Study (*including data of graduates who pursue full-time further study*)
- Figure 6c – Further Study Destination (*including data of graduates who pursue full-time further study*)

G. Extent of Fulfillment to Programme Outcomes

- Figure 7a – I can apply knowledge of mathematics, science, and engineering appropriate to the degree discipline
- Figure 7b – I can design and conduct experiments, as well as to analyze and interpret data

- Figure 7c – 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 7d – I can function on multi-disciplinary teams
- Figure 7e – I can identify, formulate and solve engineering problems
- Figure 7f – I can understand professional and ethical responsibility
- Figure 7g – I can communicate effectively
- Figure 7h – 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 7i – I can stay abreast of contemporary issues
- Figure 7j – I can recognize the need for, and to engage in life-long learning
- Figure 7k – I can use the techniques, skills, and modern engineering tools necessary for engineering practice appropriate to the degree discipline
- Figure 7l – 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 February 2019

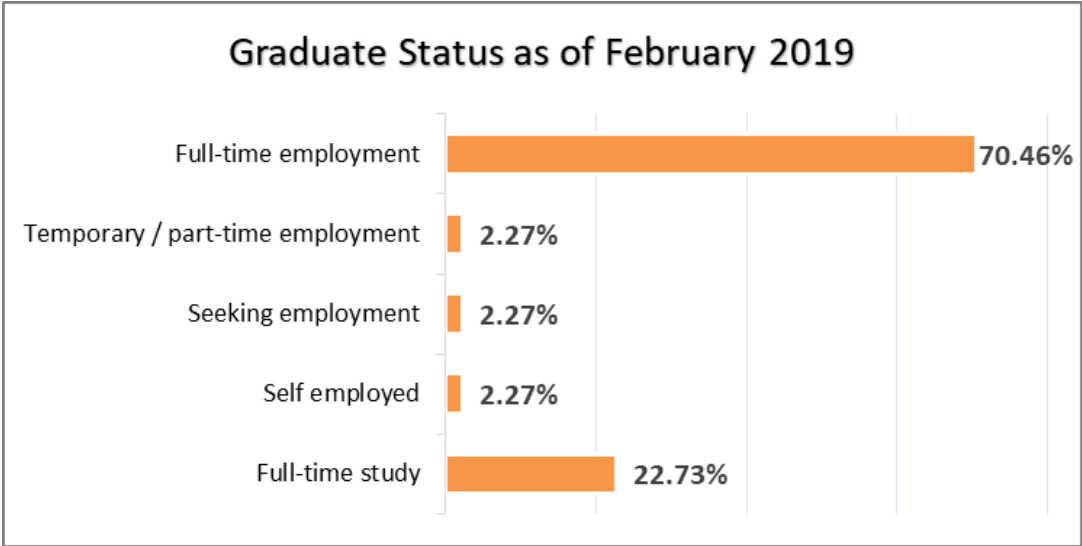


Figure 1b - Graduates Job Statistics: by Company Nature

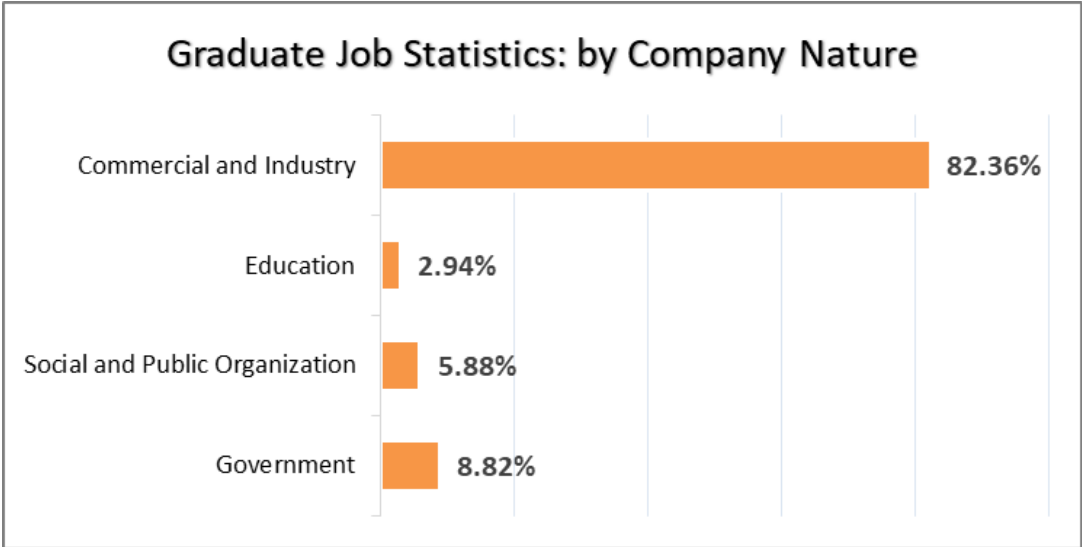


Figure 1c - Graduates Job Statistics: by Job Nature

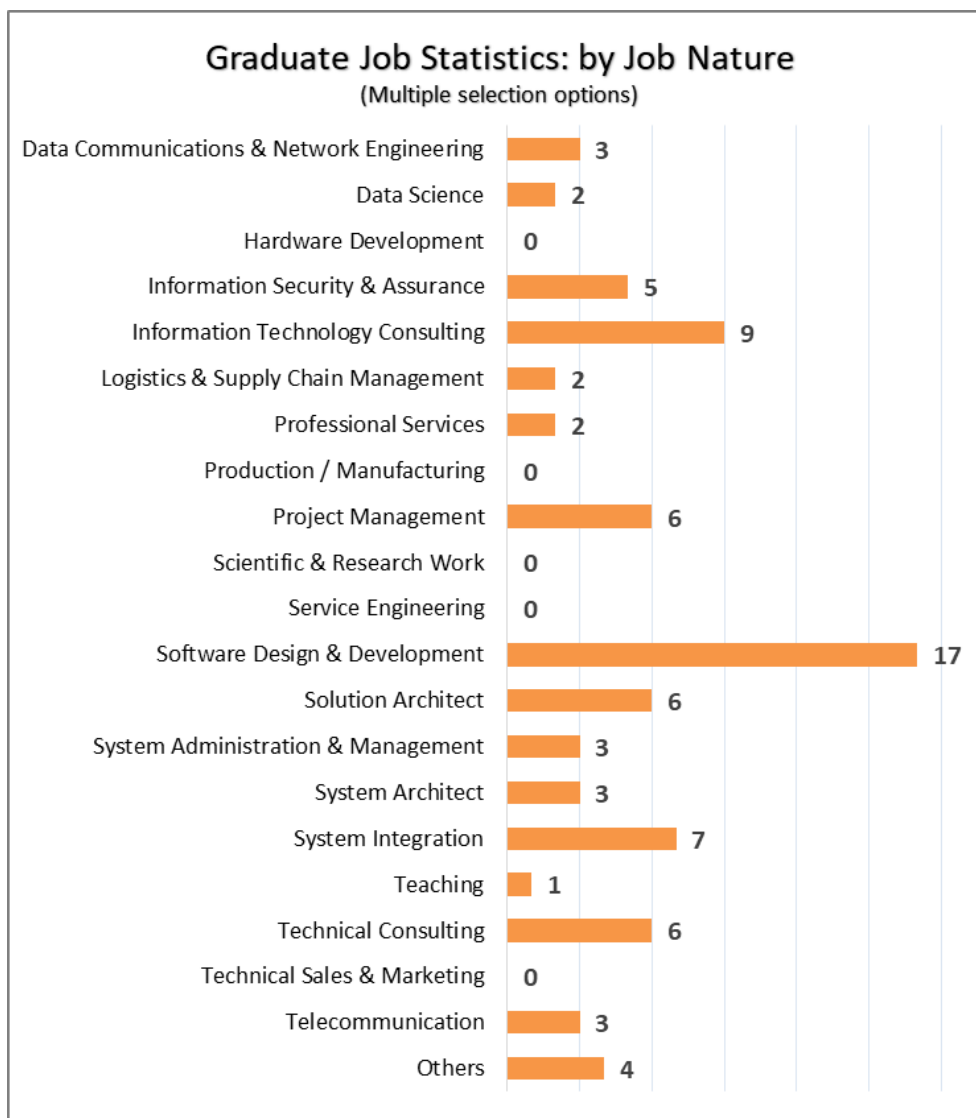


Figure 2 - Source of Job Searching Channels

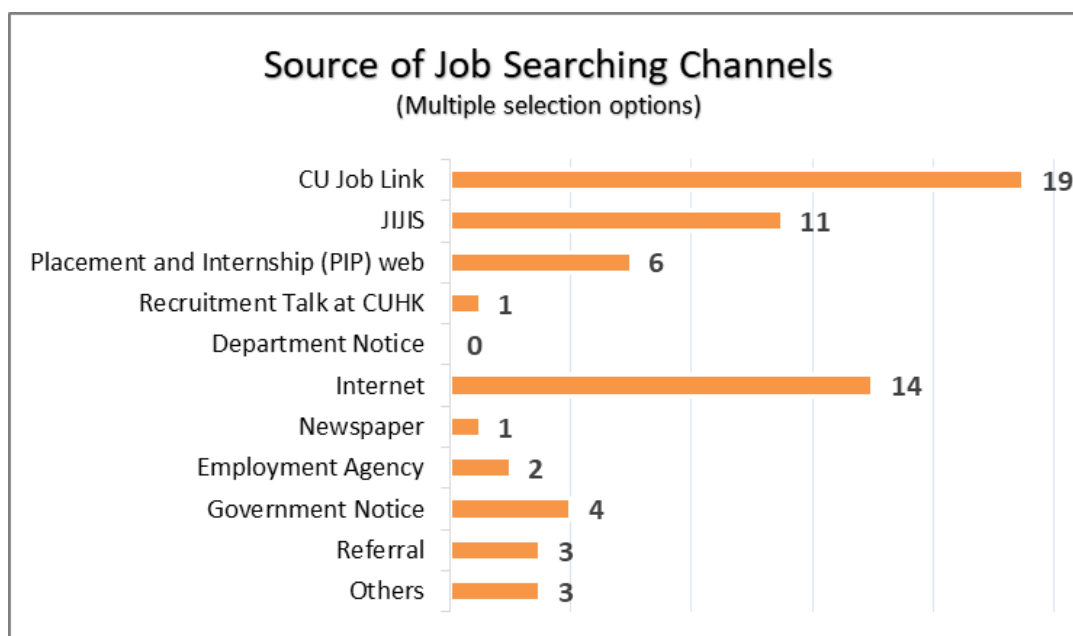


Figure 3 - Time of First Job Offers

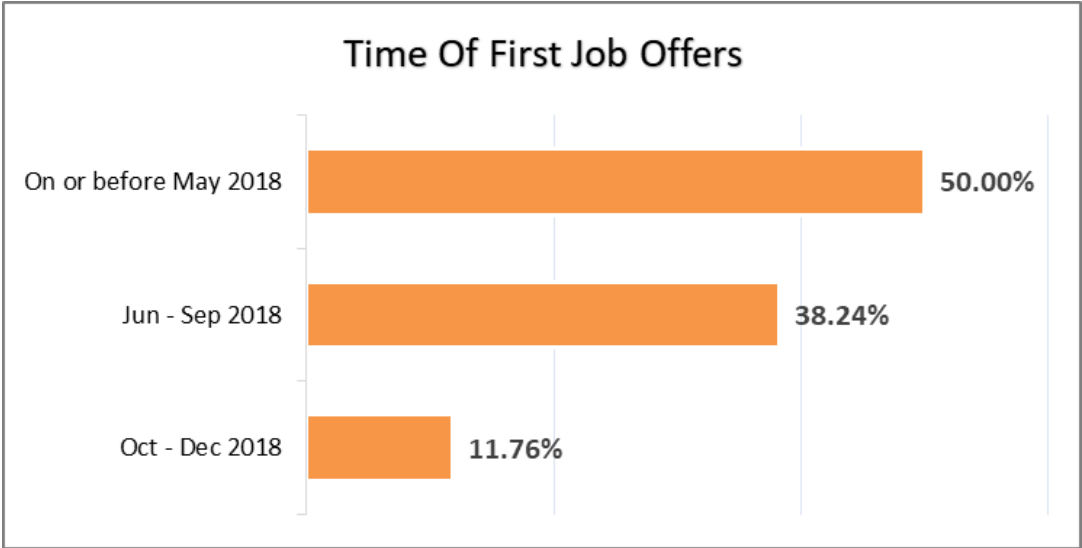


Figure 4 - Number of Job Offers Attained

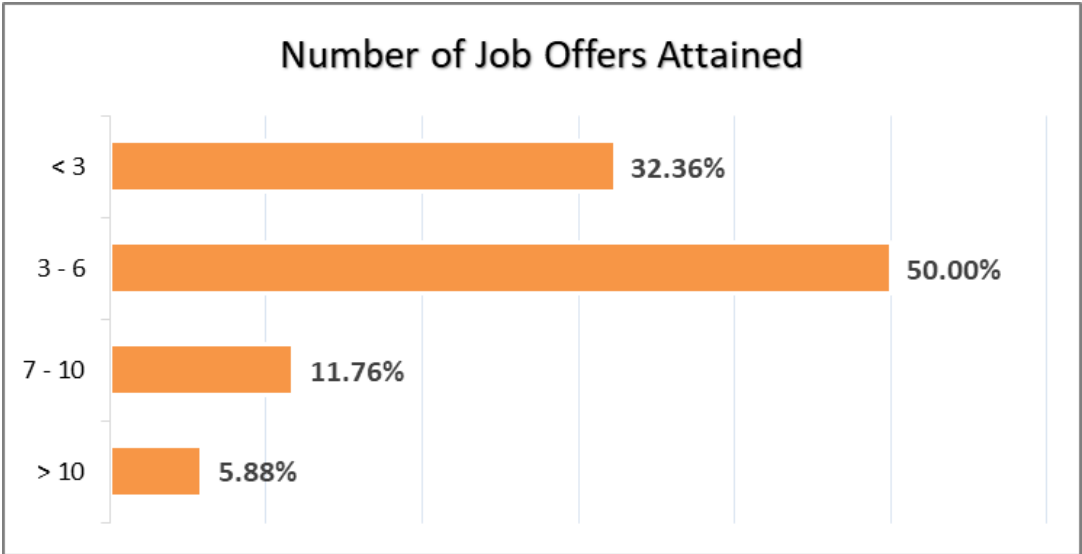


Figure 5 - Frequency of Travelling to Mainland China for Work

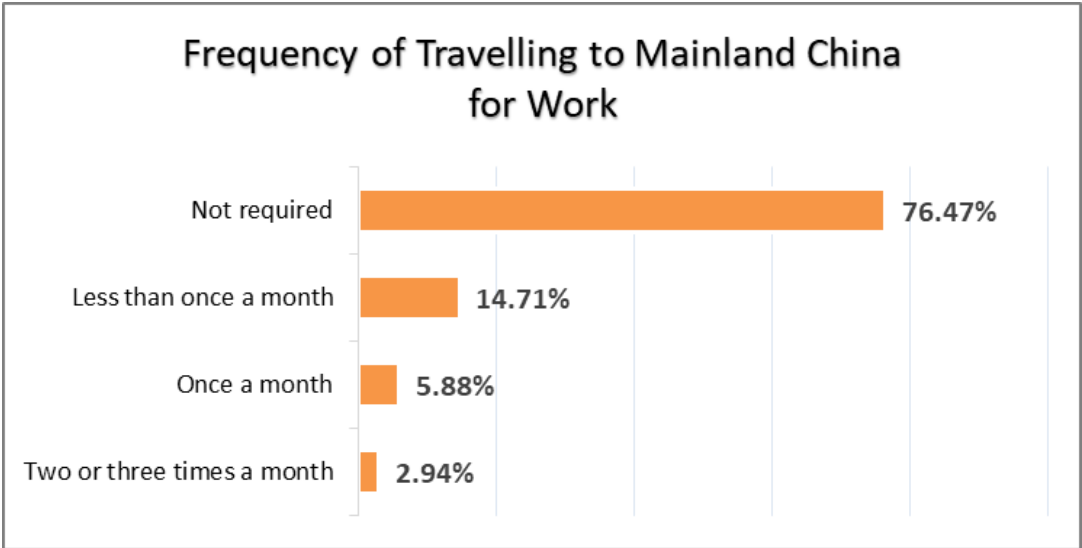


Figure 6a – Graduates taking part in Further Study after Work

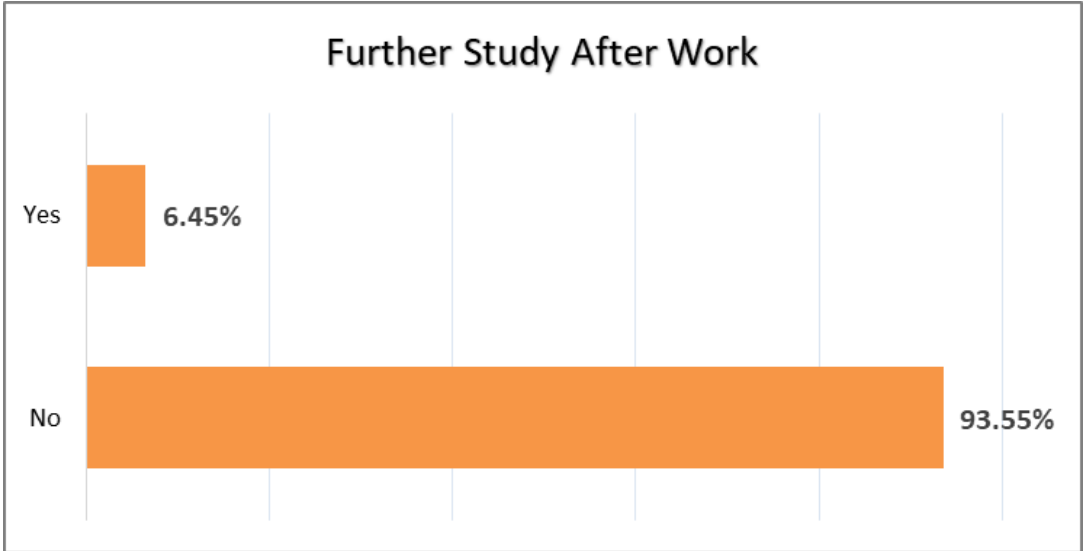


Figure 6b – Level of Study

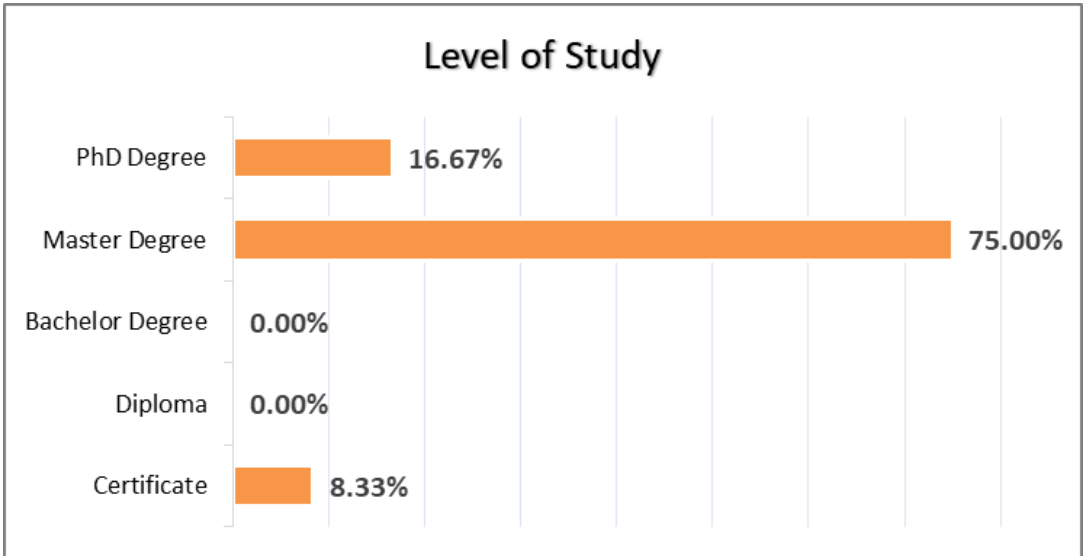


Figure 6c – Further Study Destination

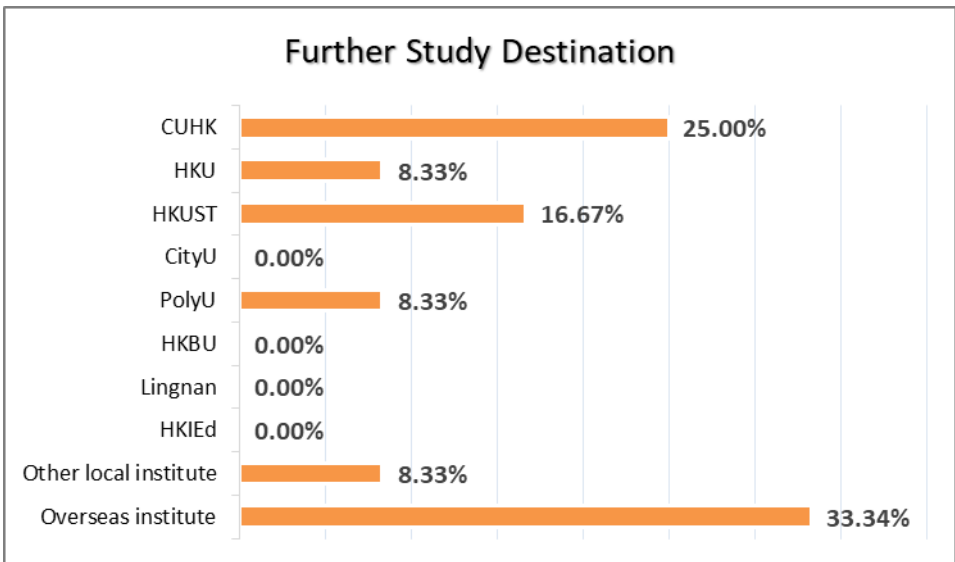


Figure 7a – I can apply knowledge of mathematics, science, and engineering appropriate to the degree discipline

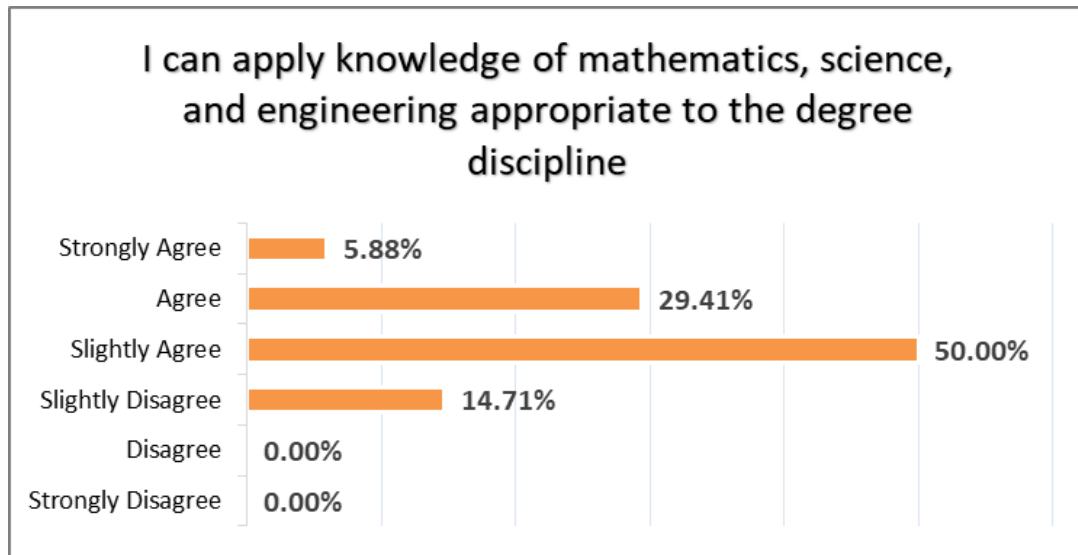


Figure 7b – I can design and conduct experiments, as well as to analyze and interpret data

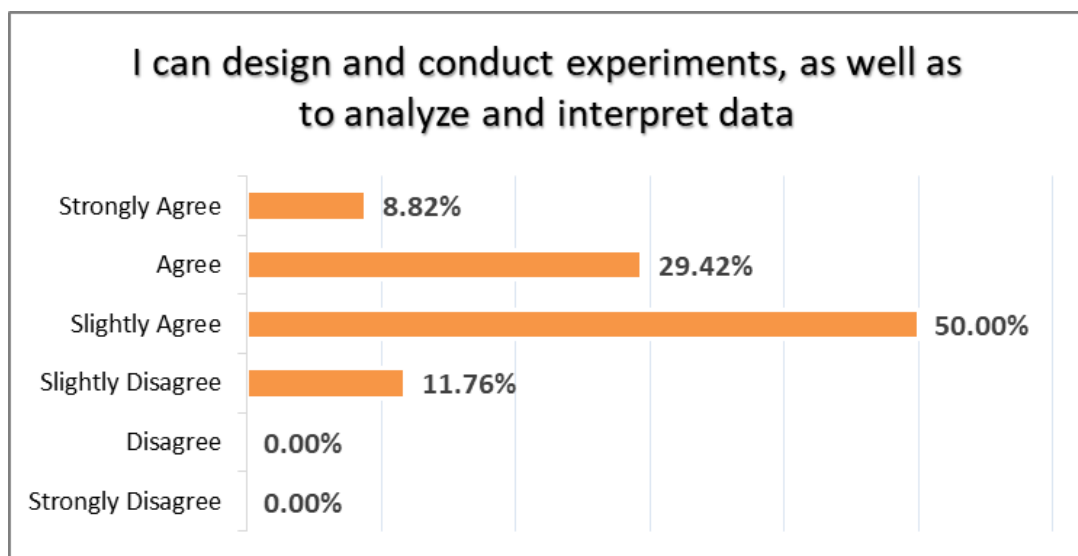


Figure 7c – I can design a system, component or process to meet desired needs within realistic constraints, such as economic, environmental, social, political, ethical, health and safety, manufacturability and sustainability

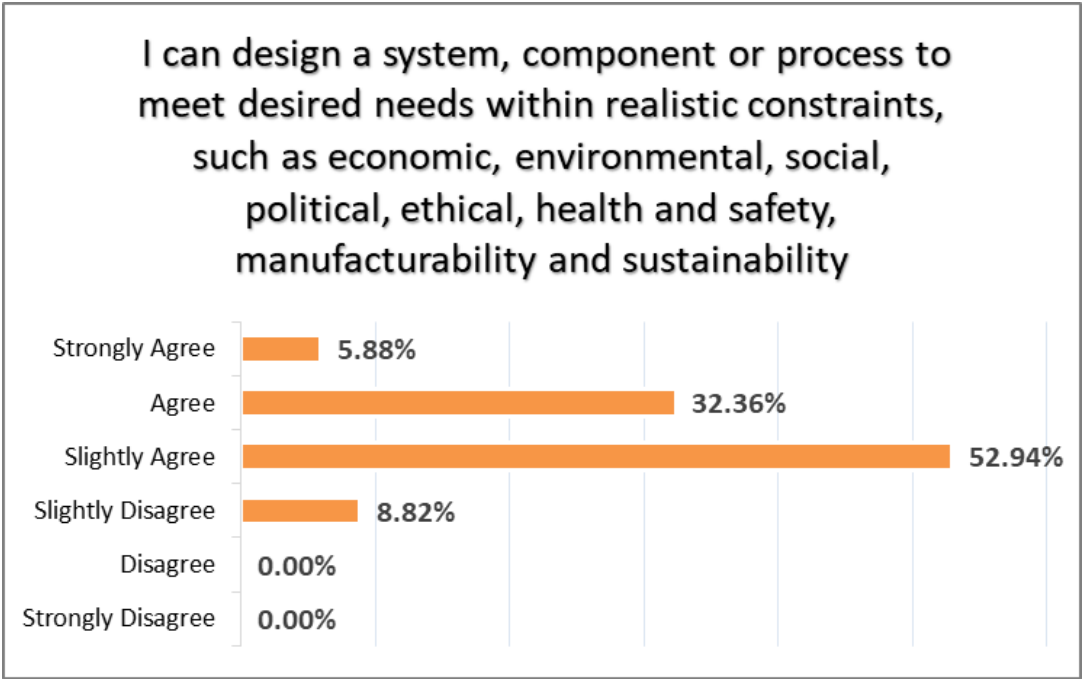


Figure 7d – I can function on multi-disciplinary teams

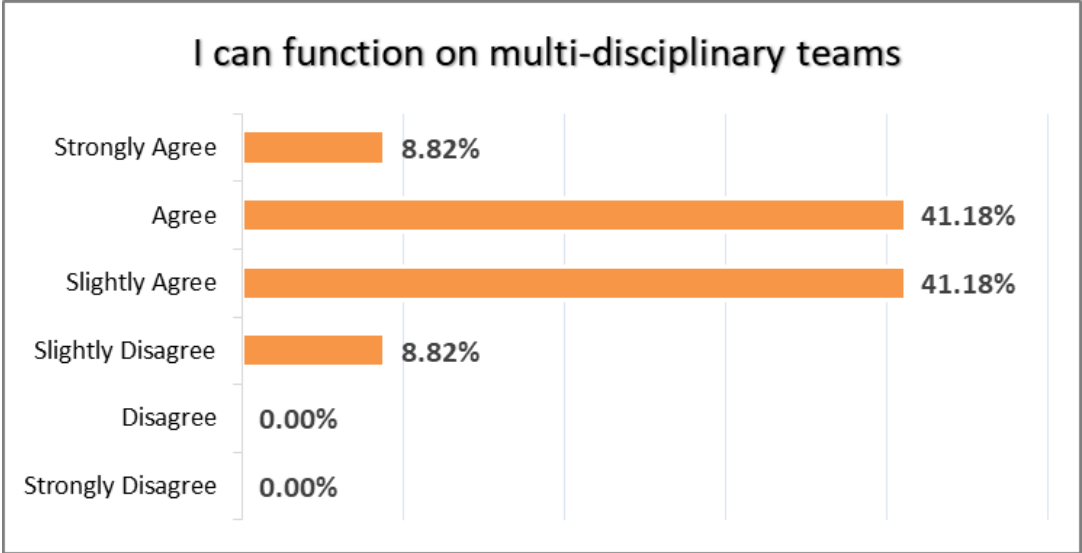


Figure 7e – I can identify, formulate and solve engineering problems

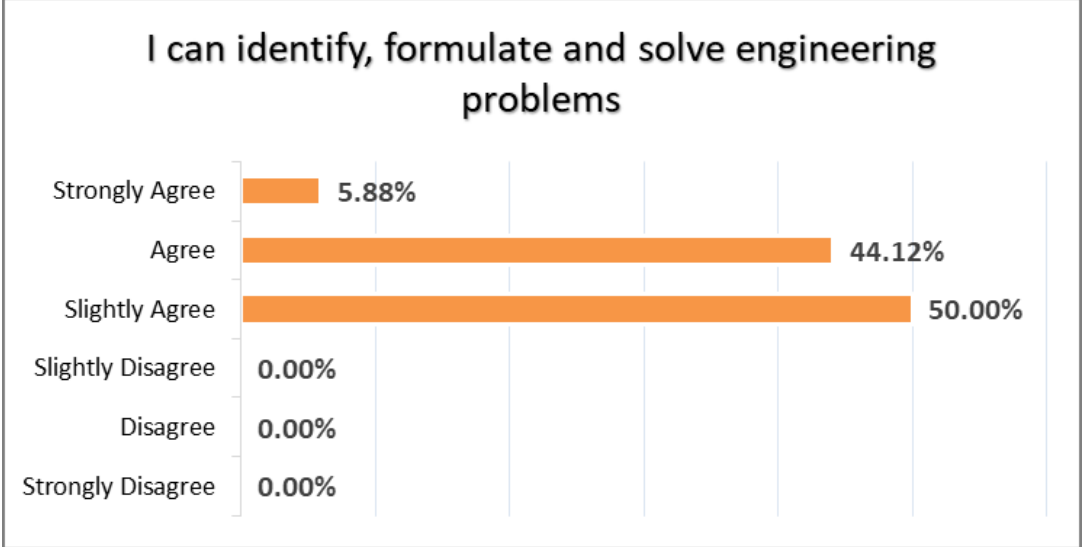


Figure 7f – I can understand professional and ethical responsibility

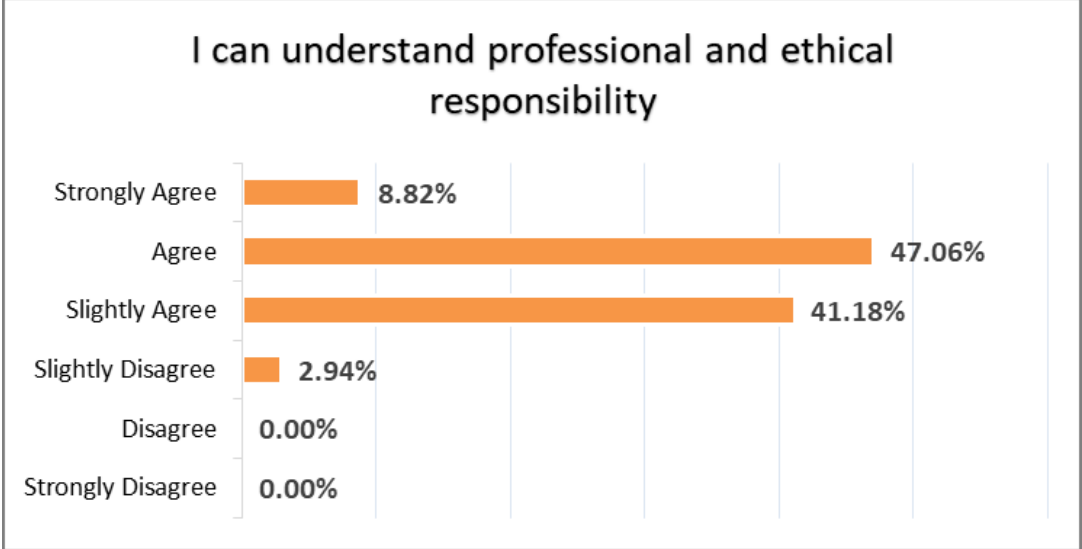


Figure 7g – I can communicate effectively

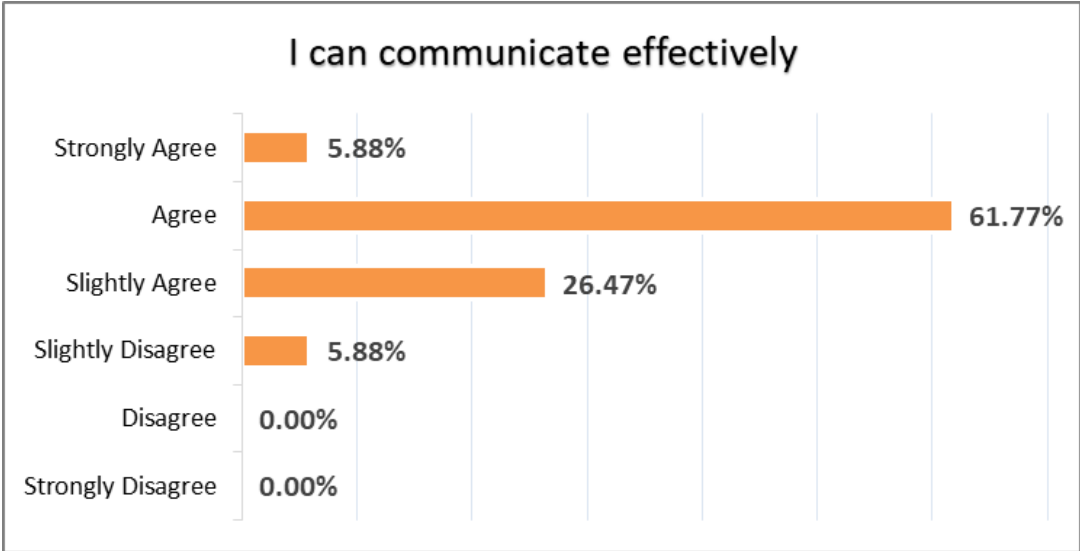


Figure 7h – I can understand the impact of engineering solutions in a global and societal context, especially the importance of health, safety and environment considerations to both workers and the general public

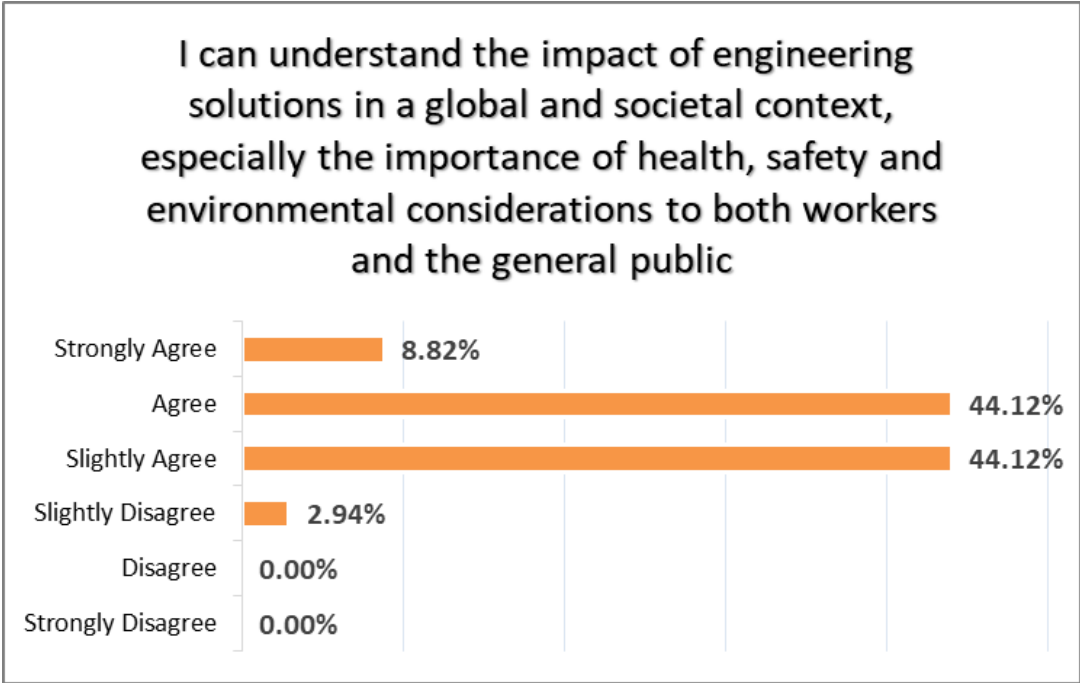


Figure 7i – I can stay abreast of contemporary issues

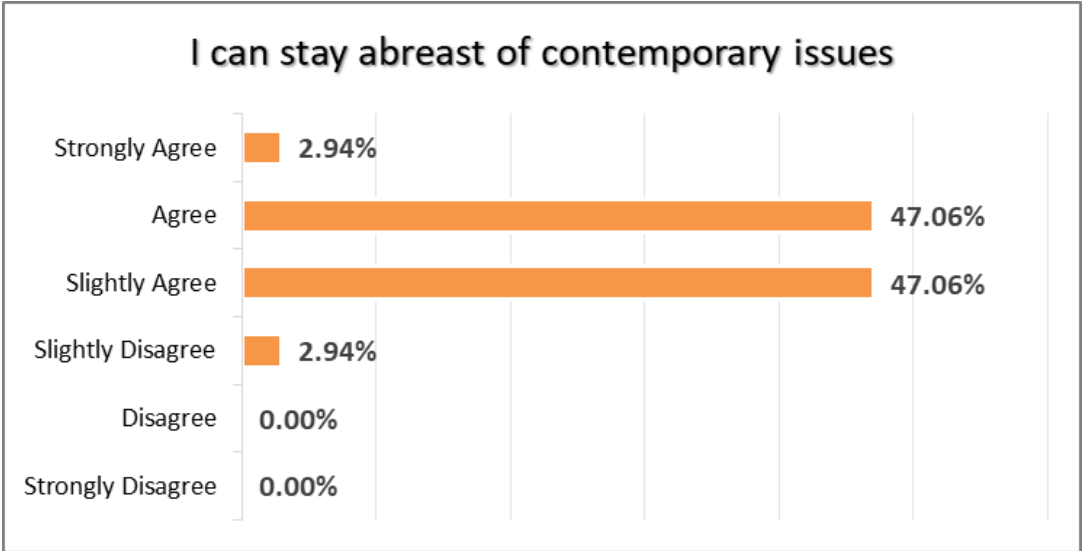


Figure 7j – I can recognize the need for, and to engage in life-long learning

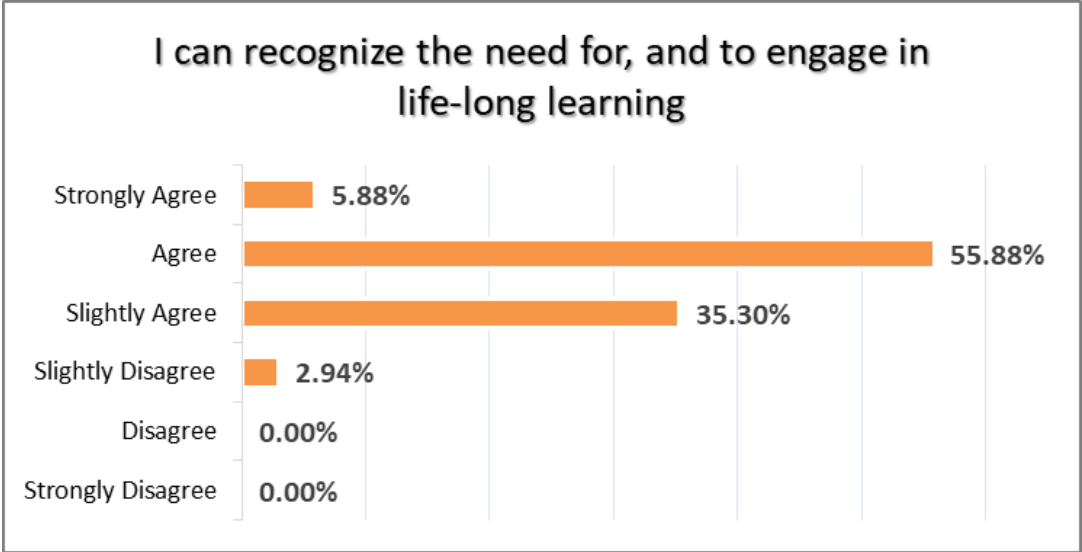


Figure 7k – I can use the techniques, skills, and modern engineering tools necessary for engineering practice appropriate to the degree discipline

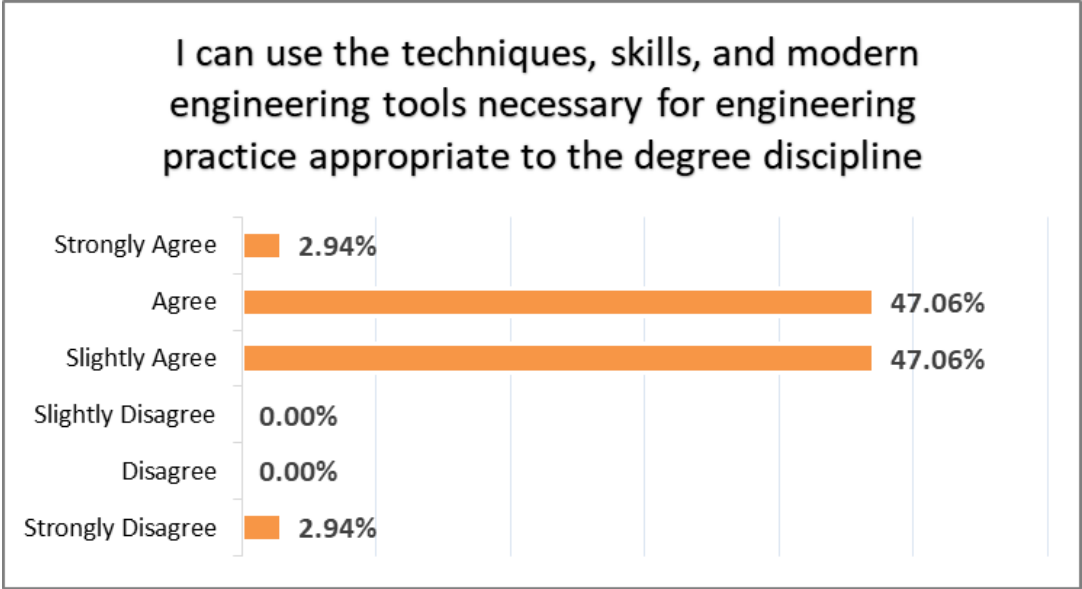


Figure 7l – I can use the computer / IT tools relevant to the discipline along with an understanding of their processes and limitations

