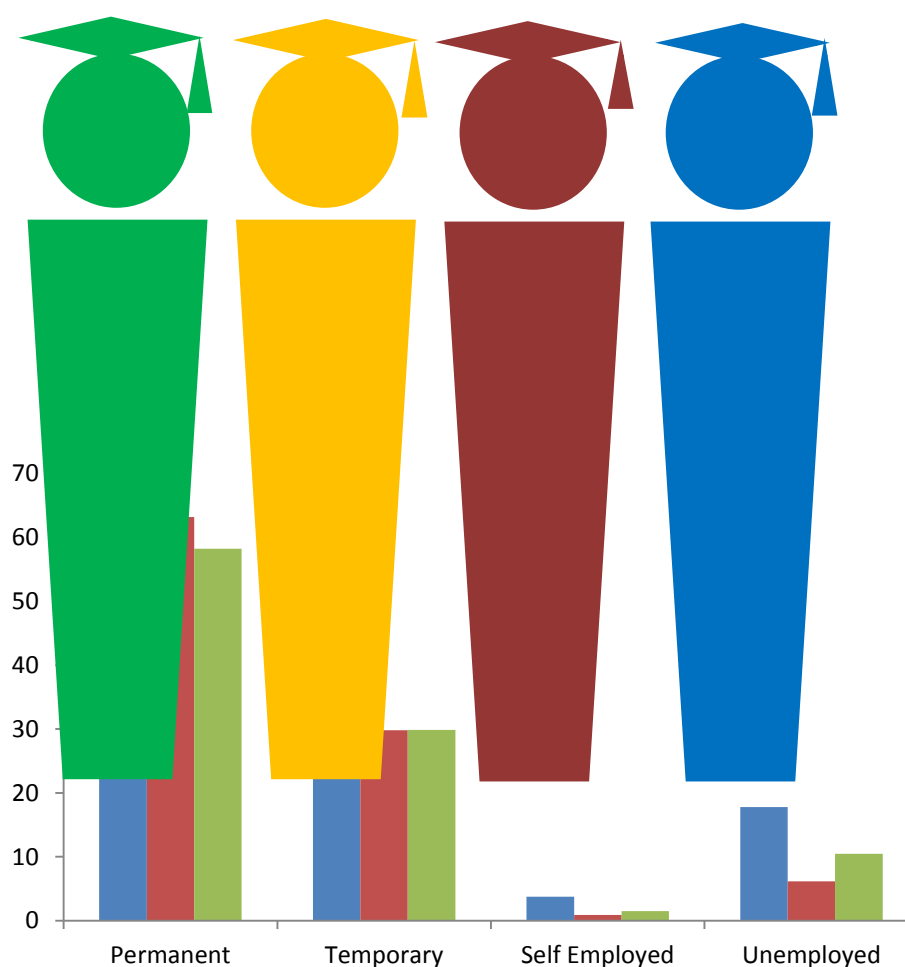


EMPLOYABILITY SURVEY REPORT WAYAMBA UNIVERSITY OF SRI LANKA



**External Affairs Unit
2018**



EMPLOYABILITY SURVEY REPORT

WAYAMBA UNIVERSITY OF SRI

LANKA

by

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Employability Survey Results 2018: Faculty of Applied Sciences (FAS)

Response Rate of FAS for Employability Survey

The questionnaire was distributed among all students eligible to receive degrees at the General Convocation of the Wayamba University of Sri Lanka in 2018. This senses comprised of all specialization programmes offered by FAS. The response rate for the questionnaire was high in all degree programmes and overall response rate was 94% (**Table 1**).

Table 1 Response rates for the questionnaire by graduates in FAS, who were eligible to obtain the degree at General convocation

Degree programme	No. of Questionnaire Sent	No. of Questionnaire Received
B.Sc. (General)	120	55
B.Sc. (Joint Major)		43
B.Sc. (Special) in Applied Electronics		05
B.Sc. (Special) in Mathematics with Statistics		05
B.Sc.(Special) in Industrial Management		05
Total	120	113

Demography of Graduates

Among the total graduates of the FAS, 45% were females and 55% were males. More females were enrolled in specialization programmes according to statistics (**Table 2**).

Table 2: Gender composition of graduates of FAS.

Degree Program	Female	Male	Total no. of graduates	% Female	% Male
B.Sc. (General)	19	36	55	35	65
B.Sc. (Joint Major)	21	22	43	49	51
B.Sc. (Special) in Applied Electronics	3	2	5	60	40
B.Sc. (Special) in Mathematics with Statistics	4	1	5	80	20
B.Sc.(Special) in Industrial Management	4	1	5	80	80
Total	51	62	113	45	55

Majority of the students were within the age range of 24-26 and reported as 78%. Of the total graduates 20% were in the age group of 27-29 years. There were 2% of graduates fallen in to age category above 30 years in FAS (**Figure 1**).

Three ethnic groups were represented among the total graduates and namely Sinhala, Tamil and Muslim. Sinhala, Tamil and Muslim ethnic groups were represented as 92%, 5% and 3% were respectively in graduate population (**Figure 2**).

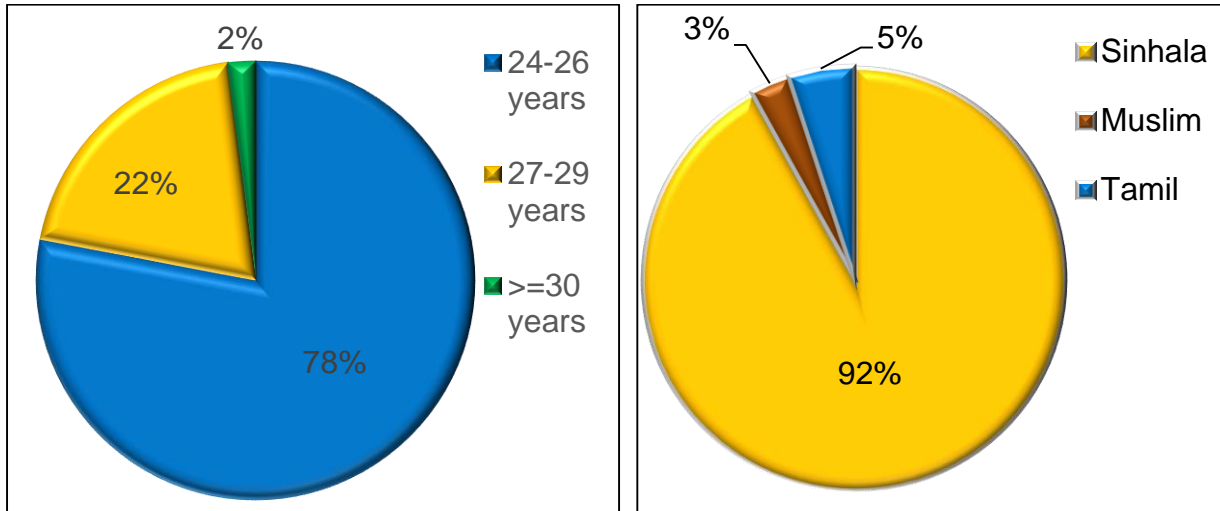


Figure 1. Age structure of the graduates of the FAS. **Figure 2.** Representation of different ethnic groups in the FAS.

Students from semi urban areas have represented 54% of the graduate population in 2018. Students from rural and urban areas were reported as 19% and 26% respectively (**Figure 3**).

Among total graduate population in FAS, 29% had single attempt in Advance Level Examination. Majority of Students (55%) had second attempt and 16% was reported as the third attempt (**Figure 4**) in their Advance Level examination.

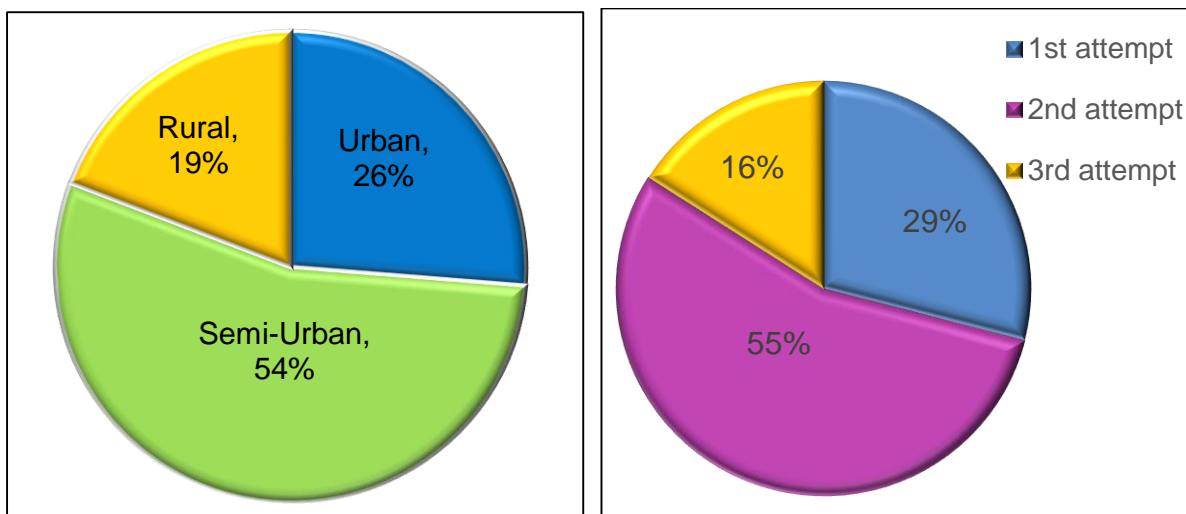


Figure 3. Residential areas of graduates **Figure 4.** Number of A/L attempts for university entrance

Linguistic medium of A/L education of the majority (90%) of graduates was in Sinhala. Tamil and English medium A/L candidates were reported as 7% and 3% respectively (**Figure 5**).

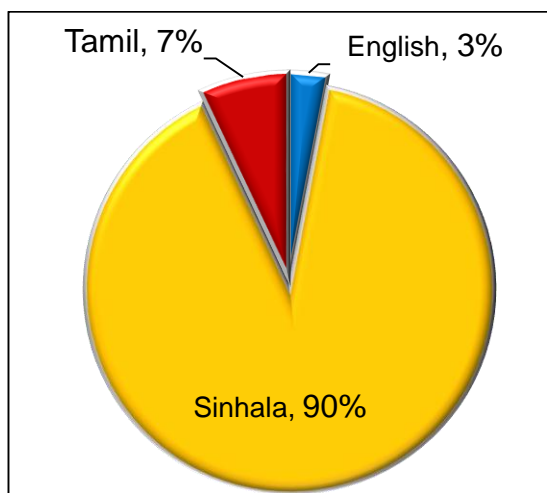


Figure 5 Linguistic medium of A/L examination of graduates

Academic Performances of Graduates

There were no first classes reported among 108 respondents. Second Class Upper Parses were reported as 13% while 21% obtaining Second Class Lower Parses at General Convocation in 2018. Other students (66%) had obtained General Passes in the final examination. **Table 3** indicates the number of students with their respective grades at the final degree examination and **Figure 6** indicates the percentages of different grades among degree programmes of FAS.

Table 3: Overall performance of graduates in different degree programmes in FAS

Degree	First Class	Second Upper	Second Lower	General Pass	Total
B.Sc. (General)	0	2	11	62	75
B.Sc. (Joint Major)	0	1	10	7	18
B.Sc. (Special) in Applied Electronics	0	4	1	0	5
B.Sc. (Special) in Mathematics with Statistics	0	5	0	0	5
B.Sc.(Special) in Industrial Management	0	2	1	2	5
Total	0	14	23	71	108

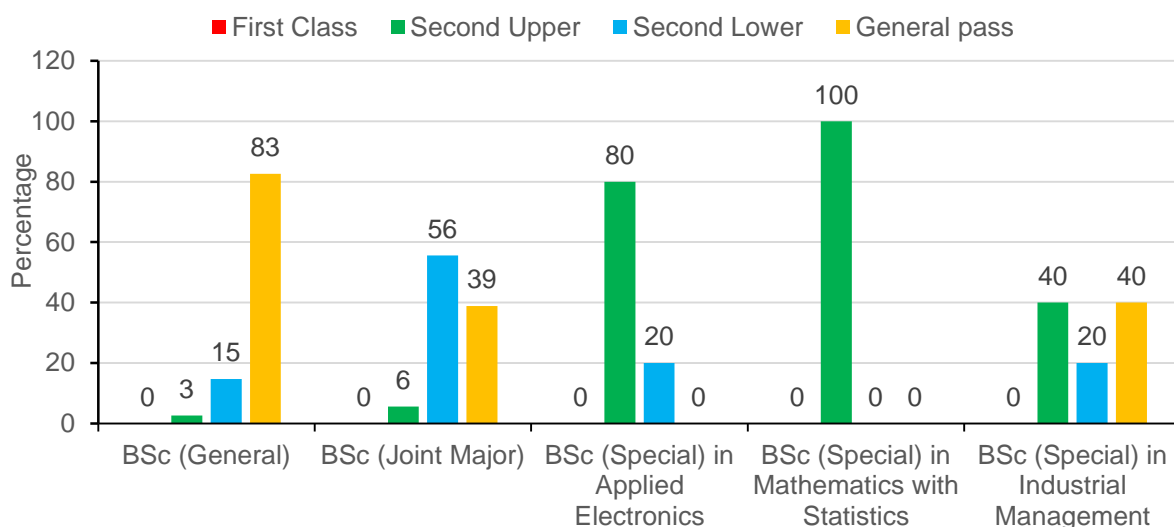


Figure 6: Percentages of different grades obtained by students in different degree programmes offered by FAS.

Employability Status of Graduates

Among 120 total graduates 113 were answered for the question, which was related to their employability. Employability status of the graduates in FAS at the general convocation of 2018 was **71% after a period ranging from 05 months and 21 days to 07 months and 21 days from the date of completion of the degree**. Among 113 responded graduates for the questionnaire, only 110 graduates had indicated their employment categories (**Table 4**). Of the all employed graduates responded to this question 33% have obtained permanent jobs and 21% of them were in temporary positions, 5% in contract basis and 19% were in trainings (**Figure 7**).

Table 4: Different categories of employments in relation to the field of study

Degree	Contract basis	Permanent	Temporary	Training	Unemployed	Total
B.Sc. (General)	5	28	8	10	20	71
B.Sc. (Joint Major)	0	4	6	4	10	24
B.Sc. (Special) in Applied Electronics	1	2	2	0	0	5
B.Sc. (Special) in Mathematics with Statistics	0	1	2	1	1	5
B.Sc.(Special) in Industrial Management	0	1	3	0	1	5
Total	6	36	21	15	32	110

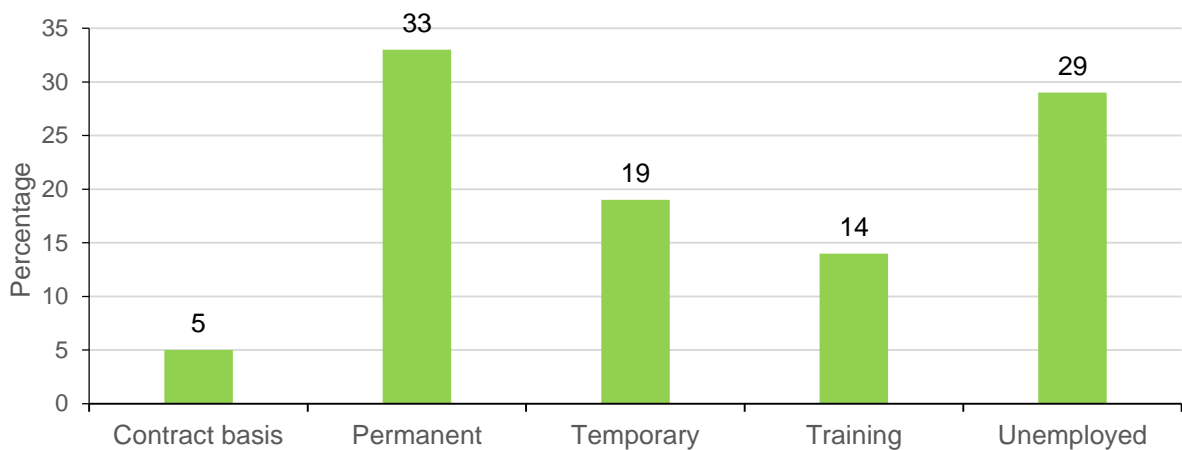


Figure 7. Percentage enrolments of graduates of FAS in different employment categories.

Different sectors of Employers

Total of 78 graduates had answered for this question. Among the responded graduates for this question, percentage employed in private sectors was 67%. Percentage employability in public sector and semi government sector were reported as 11% and 22% respectively (**Figure 2.8**).

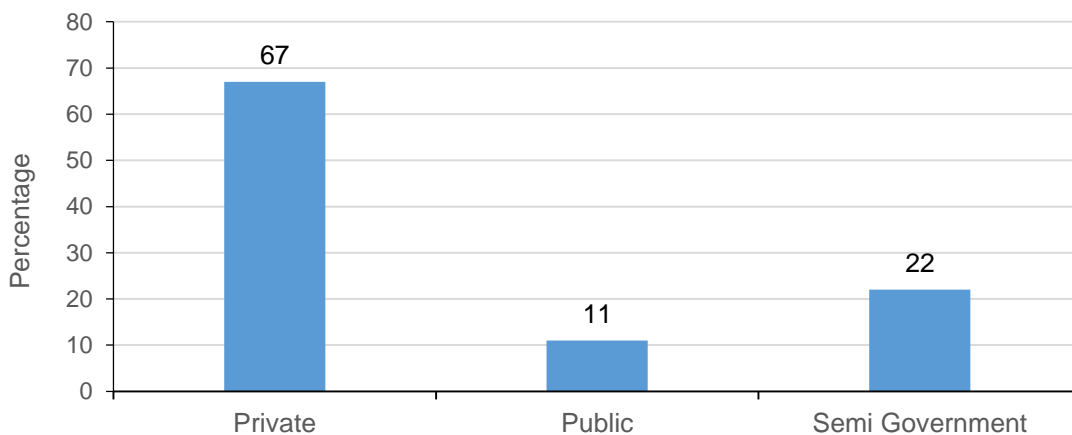


Figure 8. Percentage job enrolments of graduates in different sectors of employers.

Monthly Salary Levels of Employed Graduates of FAS

Among all employed graduates of FAS in 2018, 69 graduates had answered for this question. **Table 5** indicates the distribution of graduates among different salary scales. Majority of students (38%) had received salaries between Rs. 30,000 to 39,999 scales and the salaries of 20% graduates were fallen in to Rs. 40,000 to 49,999 category. Salaries of 23% students were above Rs. 50,000 and only two students have exceeded Rs. 100,000 (**Figure 9**).

Table 5: Salary levels of employed graduates of FAS

Monthly Salary (LKR)	B.Sc. (General)	B.Sc. (Joint Major)	B.Sc. (Special) in Applied Electronics	B.Sc. (Special) in Mathematics with Statistics	B.Sc.(Special) in Industrial Management
10000-19999	5	1	-	-	-
20000-29999	5	1	-	-	-
30000-39999	13	7	2	2	2
40000-49999	9	5	-	-	-
50000-59999	7	-	-	-	1
60000-69999	4	-	-	-	-
70000-79999	1	-	1	-	-
80000-89999	-	-	1	-	-
90000-99999	-	-	-	-	-
< 100000	2	-	-	-	-
Total respondents	46	14	4	2	3

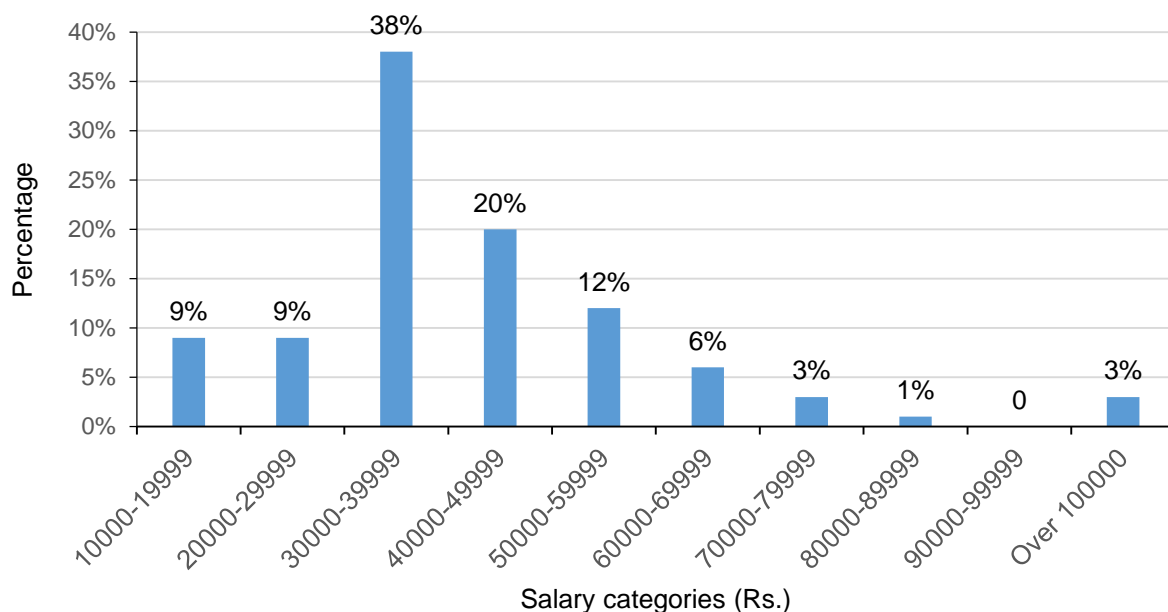


Figure 9. Percentage distribution of employed graduates in different salary levels

Matching of the Degree Programme to Current Employments of Graduates of FAS

Relevance of the degree programme to the employment indicates employers' recognition of the knowledge and training provided by the degree programme. Its direct indication is the matching of the training given by the University to the needs of the industry. Majority of the students graduated from FAS in different degree programmes had high relevance to the job and their knowledge gained from the University (**Table 6**). **Figure 10** indicates the

percentage of students in relation to different levels of relevancy of the job to the study programme. Among the responds for this question, 57% of graduates were employed in jobs with the relevance of higher than 75%. More than 92% employed graduates in the faculty had over 50% relevance of their jobs to the study programme. Only 9% of students had indicated the low levels of matching their Degree to the current occupation. (Figure 10).

Table 6. Relevance of the job to the study programme

Degree	Relevance of the job to the study program					Total
	10%	25%	50%	75%	100%	
BSc (General)	0	5	18	10	9	42
BSc.(Joint Major)	0	1	4	7	3	15
BSc (Special) in Applied Electronics	0	0	1	2	2	5
BSc (Special) in Mathematics with Statistics	0	0	0	2	2	4
BSc (Special) in Industrial Management	0	0	1	1	1	3
Total responses in each category	0	6	24	22	17	69

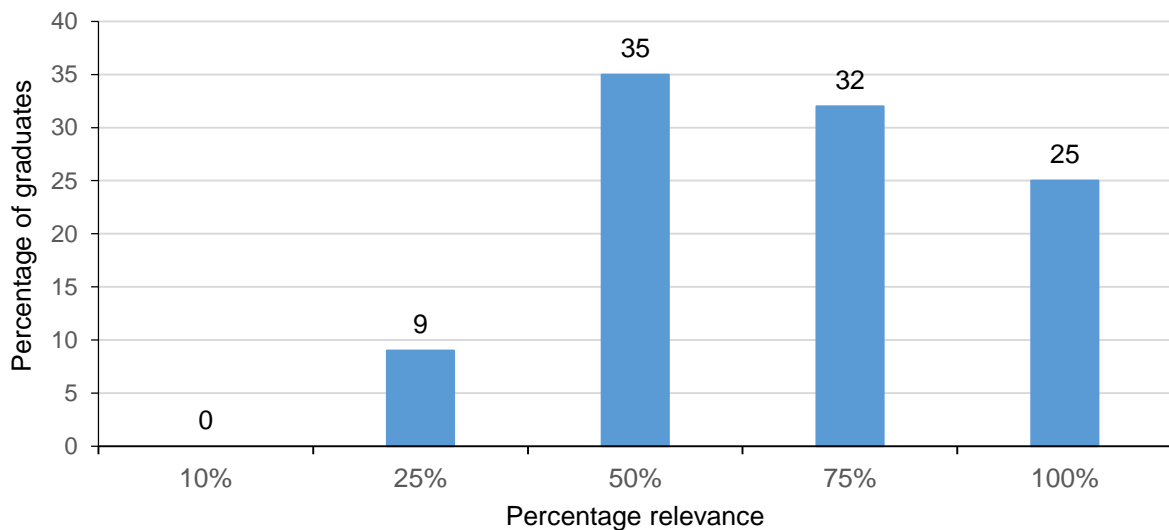


Figure 10 Percentage relevance of the job to the study programme.

Level of Job Satisfaction among Graduates of FAS

This question was answered by 80 students. Among all respondents 16% were very satisfied about the present job and 44% percent of graduates were satisfied with the current employment. Present survey indicated that 36% of graduates had average satisfaction about their employment. 3% percent of graduates were dissatisfied and 1% percent of graduates were very dissatisfied with the current employment (Figure 11).

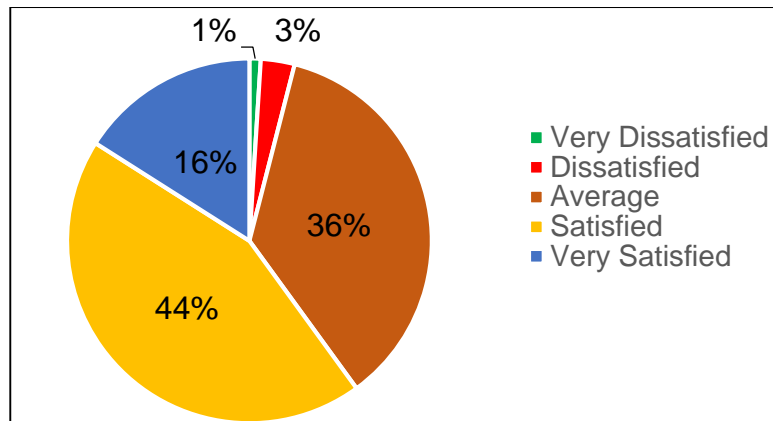


Figure 11. Level of satisfaction of the current employment

Most Influential Factors to Obtain Present Job

This question was answered by 81 students. Students could give multiple answers for this question (Annexure 1). From the frequency of the answers; Degree, field of study, personality and soft skills, proficiency in English and computer literacy were main influencing factors to obtain the current occupation (**Figure 2.12**). Most importantly the class of the degree, reputation of the university, personal contacts had minor influences in finding the jobs of the graduates from FAS according to their responses.

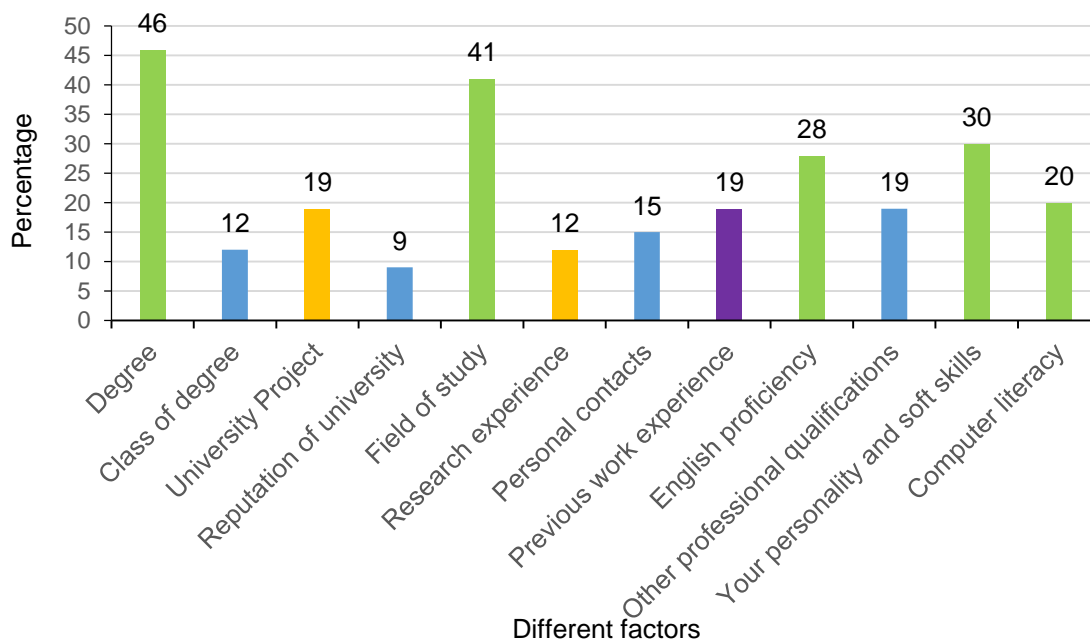


Figure 12. Most influential factors to obtain the present job.

Help from University Education to Career Development

Support of the degree programme to the career development was at satisfactory levels with average scores of nearly 4 out of the 5 Likert scale. Graduates have indicated that the university education has high influence on personal growth and to develop the career

further. The entrepreneurial skills obtaining through the degree programme was received low rates. As such, the faculty have to pay considerable attention to this aspects and provide opportunities for the students to improve necessary competencies (**Figure 13**).

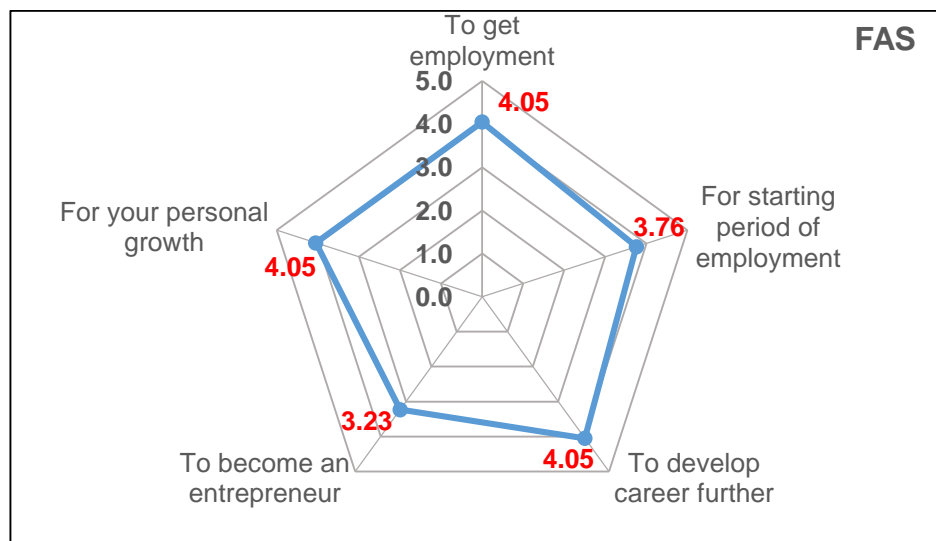


Figure 13. Evaluation of the university education for the career development of graduates of FAS

Additional Qualifications (Postgraduates, Professional or other) held by Graduates of FAS

Considerable number of students graduated from the FAS had additional qualifications. Among the graduates of FAS 35 of them have completed Diploma level courses and 17 of them are reading for different kind of proficiency at the period of survey (**Table 7**). This information indicates the eagerness of students to be more skilful, knowledgeable and proficient in their career paths and to be an empowered personal to excel in competitive world.

Table 7. Different additional qualifications of graduate at the period of survey. (C denotes the completed and R denotes the continuation of the programmes).

Degree	Diploma		CIMA	CMA	MPhil	MBA	MSc	Other
	C	R	R	R	R	R	R	R
B.Sc. (General)	25	7	3	6	-	-	-	4
B.Sc. (Joint Major)	5	-	-	1	-	-	-	-
B.Sc. (Special) in Applied Electronics	1	1	-	-	-	-	-	-
B.Sc. (Special) in Mathematics with Statistics	2	-	-	-	-	-	-	-
B.Sc.(Special) in Industrial Management	1	-	-	-	1	1	1	-
Total	35	8	3	7	1	1	1	4