

STATISTICS OF STUDENT DEVELOPMENT

A. Quality of New Students Admission

Universitas Pembangunan Nasional “Veteran” Jawa Timur (UPNVJT) organizes the selection of new undergraduate admissions through three different programs, namely National selection based on achievement, National selection based on tests and independent selection by university (Achievement-based Program, Collaboration Program, and Regular Program). The National selection based on achievement and National selection based on tests admission selection methods refer to the rules and systems of LTMPT which is under the Ministry of Education, Culture, Research and Technology, while the independent selection by university admission selection refers to the rules of UPNVJT through the UPNVJT Rector Decree No.98/UN63/TU/2020 ([Link](#)). Each program has a different selection process, such as National selection based on achievement based on report card scores, academic and non-academic achievements, and/or portfolio of prospective students; National selection based on tests based on computer-based written exam score (scholastic and academic potential test); and independent selection by UPNVJT based on computer-based written exams. The three admission methods also have different percentages of new student admissions, namely 20% National selection based on achievement, 50% National selection based on tests, and 30% UPNVJT. Based on these three selection programs, the quality of prospective Food Technology Study Program (FTSP) students is strictly selected to recruit the best prospective students. In general, the standard of new student admissions is measured based on the targets and indicators in the UPNVJT SPT ([Link](#)) and the 2019-2020 Faculty of Engineering Operations Plan ([Link](#)) in Table 1.

Table 1 Target and Indicator of New Student Admission in the Faculty of Engineering Operations Plan 2019-2020

| Target | Indicator | Faculty of Engineering Operations Plan | | | |
|--|--|---|------------------------------|---------------|---------------|
| | | 2018/ 2019 | 2019/ 2020 | 2020/ 2021 | 2021/ 2022 |
| Meet the number and quality of new students admitted in accordance with the program's value standards. | Achievement of an average report score of 7.0 or National Exam score >35, first to third place in sports and arts at local and national levels | 15% of new students admitted | 20% of new students admitted | - | - |

*(-): target is no longer exist

FTSP has a high applicant-to-enrollment ratio. This ratio may be due to several things, such as the effective implementation of various strategies to achieve the new student admission standards implemented by the UPPS/FTSP, the increasing job opportunities in the food industry, and the inclusion of the food sector as a priority in national development plans. The highest applicant-to-enrollment ratio was achieved in 2018 at 1:26. However, in 2019, the applicant-to-enrollment decreased significantly to 1:13. This was due to changes in the new student selection program and increased FTSP student capacity. Changes in the new student selection program

(National selection based on tests and independent selection by university) in 2017 - 2018, which reduced the university/study program options from three to two options starting in 2019, resulted in a decrease in interest/potential applicants. After 2019 the applicant-to-enrollment ratio tends to fluctuate, where in the current year 1 (CY-1) in total FTSP has an applicant-to-enrollment ratio of 1: 15 and it is dropped in CY to 1: 14 (National selection based on achievement 1: 13; National selection based on tests 1: 11; independent selection by university 1: 19) (Figure 1). The decrease in applicant-to-enrollment ratio was due to an increase in the capacity of FTSP students from 120 to 140 people, and the suspension of various activities carried out by UPPS and the University due to the COVID-19 pandemic. Proof of FTSP applicants and admitted students for the past five years can be found at the following [Link](#).

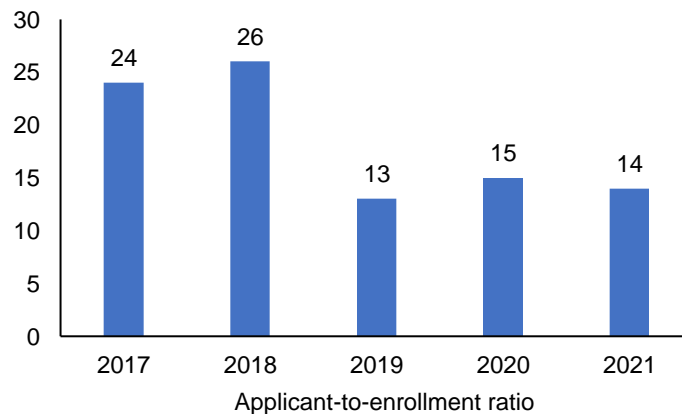


Figure 1 Applicant-to-enrollment ratio to the number of admitted students for the last 5 years

B. Study Program Attractiveness

The Faculty of Engineering, UPNVJT has a total of 7 study programs with a total of 3,207 active students, of which there are 2 (0.06%) foreign students from Yemen (Industrial Engineering Study Program and Civil Engineering Study Program). Over the past five years, the FTSP has had a total of 9,442 applicants, with an average of 1,888 applicants and 126 admitted students per year. In general, FTSP has an increasing trend of applicants every year, which shows that FTSP has become a priority and one of the main choices of prospective students to continue their education. The highest number of people applying for FTSP was reached in 2018, when 2,116 people applied. However, in 2019, the number of applicants decreased to 1,582. This was not due to a decrease in applicants' interest in the FSTP, but due to changes in the new student selection program. In the new student selection program (National selection based on tests and independent selection by university) in 2017 - 2018, applicants were offered three options of university/study program, while starting from 2019, applicants (National selection based on tests and independent selection by university) were offered only two options of university/study program. The changes in the new student selection program have a direct impact on the number of applicants in the FSTP. After 2019, the number of applicants in FSTP continued to increase until it reached its highest number of 1950 applicants in 2021 (Figure 1). Evidence of prospective applicants to the FSTP for the last five years can be seen in the following link [Link](#).

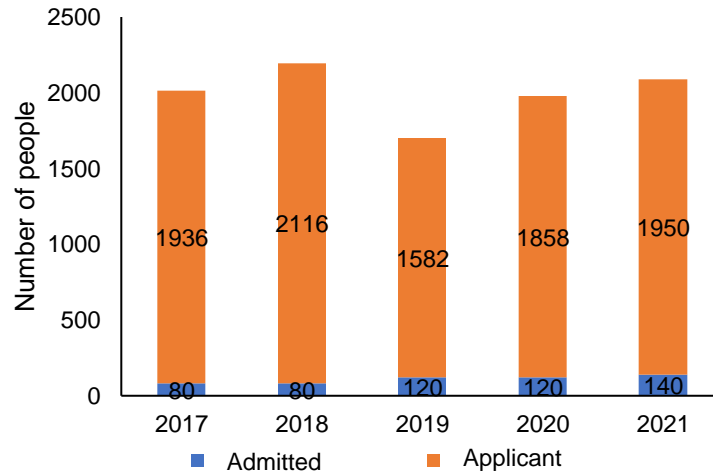


Figure 2 Graph of the number of applicants and the number of FTSP capacity for the last 5 years

C. Graduate Employability

Based on Figure 3, the percentage of graduates who are immediately employed (<6 months) is relatively high (89%). Referring to the performance target of UPPS in TS-2, it is targeted that 180 graduates from the Faculty of Engineering will be directly employed and FTSP is targeted that 25 graduates will be directly employed. In addition, 28 graduates were directly employed in CY-2. This achievement shows that the competencies of the graduates are in line with the demands of the graduates. In addition, a number of graduates have been working prior to graduation so that graduates can continue to work in the workplace.

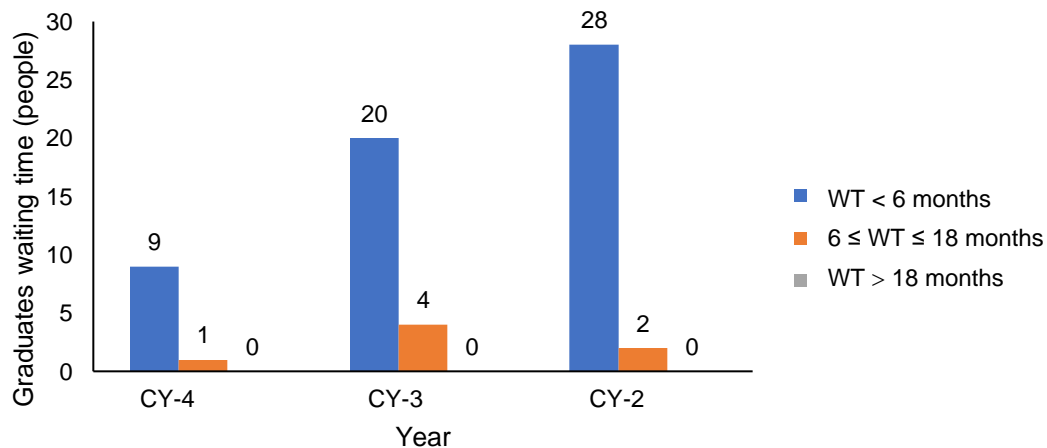


Figure 3. Waiting time to find a job for FTSP graduates

D. Suitability of the graduates' field of work

The suitability of the field of work of graduates each year is different. Overall, the level of suitability of FTSP graduates with the field of work is considered good. On average, graduates have moderate to high suitability with a total percentage of 70.3% (Figure 4). Thus, the graduate profile that has been compiled in the curriculum document is in accordance with the job position occupied by FTSP graduates. The suitability of the field of work is said to be moderate if the job position is quite in line with the profile of graduates planned in the curriculum document. The suitability of the field of work is high if the job position is suitable for the profile of graduates

planned in the curriculum document.

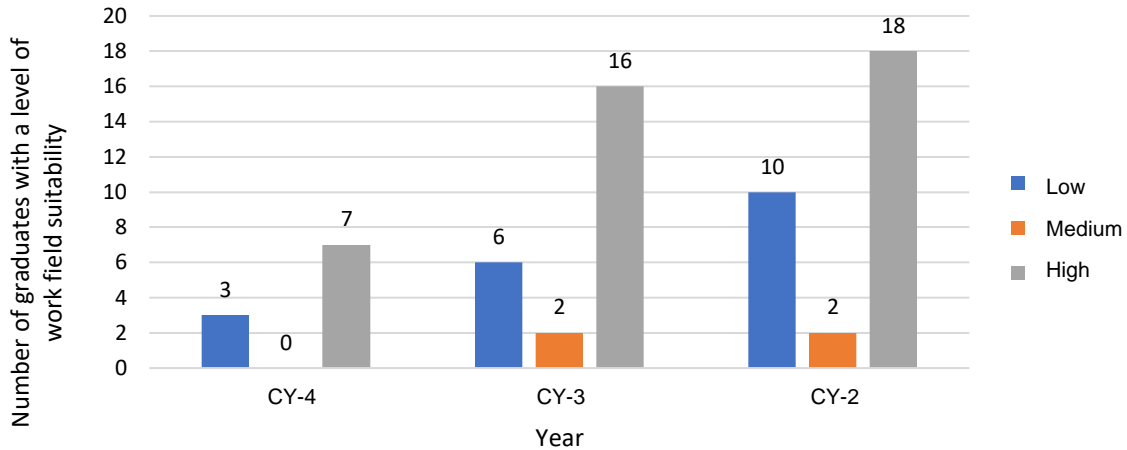


Figure 4. Job Suitability of FTSP Graduates

E. Graduate performance

In the last three years, 69% of FTSP graduates worked in national companies/licensed entrepreneurs and 14% of graduates worked in multinational companies. This achievement shows that FTSP graduates are able to compete at the national and international levels.

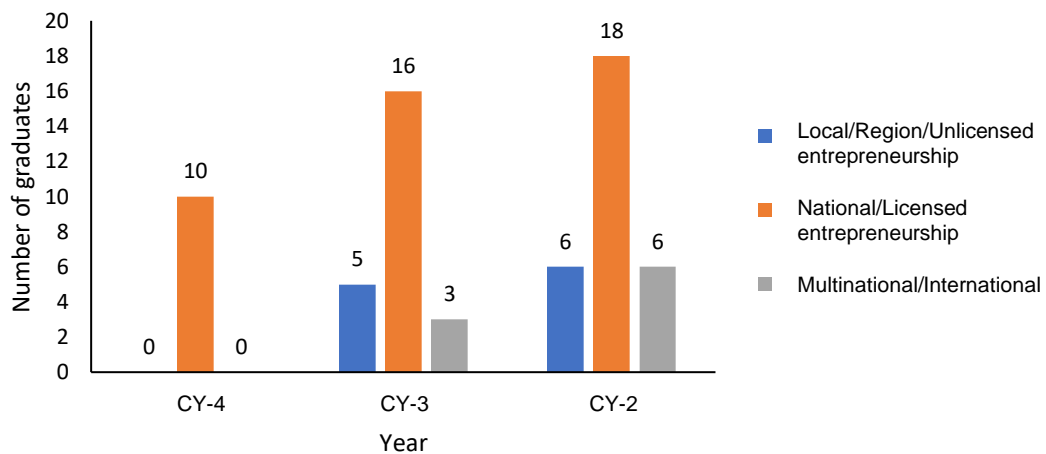


Figure 5. Place of employment of graduates in the last 3 years of FTSP