

CHAPTER I

INTRODUCTION

1.1 Background of Apprenticeship

State Polytechnic of Bengkalis is one of the State Polytechnic located in Bengkalis, Riau, Indonesia. State Polytechnic of Bengkalis is the first Polytechnic in Riau which was founded in 2000. Through the Gema Bahari foundation, its name for the first time was "Shipping Polytechnic of Bengkalis". On July 29, 2011, the Bengkalis Polytechnic officially became a PTN with the name State Polytechnic of Bengkalis through the Minister of National Education Regulation (Permendiknas) No. 28 of 2011 concerning the Organizational Establishment and work procedures of the State Polytechnic of Bengkalis. On December 26, 2011, the State Polytechnic of Bengkalis was inaugurated by the Minister of Education and Culture of the Republic of Indonesia.

State Polytechnic of Bengkalis has 18 (eighteen) Study Programs consisting of 10 (ten) D3 (diploma three) in the Department of Naval Architecture, Mechanical Engineering, Civil Engineering, Informatics Engineering, Electrical Engineering, Nautical, Shipping Commerce Management, Business English, and Business Administration, and 8 (eight) D4 (diploma four) Study Programs, including Production and Maintenance Mechanical Engineering, International Business Administration, Public Finance Accounting, Electrical Engineering, Road and Bridge Planning Engineering, Information Systems Security Engineering, English For Business and Professional Communication and Software Engineering.

Internship is one of the requirements that must be fulfilled by every student. At this time, the smooth flow of information between the industrial world and the world of education is very important in order to create harmony between the two. Therefore, internships are a good place for students to interact directly with the industrial world.

Development knowledge possible all something becoming increasingly complex. This encourages the world of work to obtain spare parts administration

has the ability knowledge includes data management, component lifecycle, and efficient stock availability through ERP (Enterprise Resource Planning) and lean inventory strategies. Administrators must also understand regulations, quality standards, and supplier management to ensure a reliable supply chain, improve operational efficiency, and reduce costs in companies, especially in the manufacturing industry.

The need to obtain reliable skills in spare parts administration make it easier for companies to manage data, stock control, procurement efficiency, and optimize operational costs. This triggers students to prepare themselves as much as possible by improving their hard skills and soft skills during college in order to face competition in the world of work.

Therefore, to empower spare parts in Indonesia, State Polytechnic of Bengkalis as one of the State Universities in Riau Province is expected to be able to produce quality graduates so they can compete in the world of work. To fulfill this hope, Bengkalis State Polytechnic created a program that can help graduates become quality graduates, namely the Apprenticeship program. By taking part in apprenticeship, students will gain direct assignment experience in the real world of work by practicing the theories they have learned.

Apprenticeship is a learning process by knowing directly the true scope of the world of work. Every student is required to go directly into the world of work in their respective fields so that each student is expected to be able to immediately apply the knowledge they have learned previously to the world of work. Apart from that, with apprenticeship students can increase their knowledge, skills and experience at work which can later be applied in the real world of work. To do apprenticeship, students must complete up to eight semesters of study and graduate in those semesters.

The Author is currently conducting an internship at PT United Tractors Pekanbaru Branch. PT United Tractors Tbk Pekanbaru Branch is part of PT United Tractors Tbk, a subsidiary of PT Astra International Tbk. As a leading distributor of heavy equipment in Indonesia, the branch provides a wide range of heavy equipment for the mining, construction, forestry and plantation sectors. Products

offered include excavators, bulldozers, cranes and trucks from top brands such as Bomag, Komatsu and Tadano. Besides focusing on the main business, PT United Tractors Pekanbaru Branch is also active in social and environmental activities.

PT United Tractors Tbk Pekanbaru branch is a national-scale company that has a modern administration system and international business network. Internship here provides an opportunity to learn first-hand the application of professional business administration, as well as understand the export-import process and heavy equipment distribution management which is relevant to the competence of the International Business Administration study programme.

The Author during internship was placed in the Spare Part Administration section of PT United Tractors Pekanbaru Branch. Spare Part Administration is a section that is responsible for managing spare parts data and administration, starting from recording the entry and exit of goods, data collection of stock that has been received by customers, to archiving related documents manually and electronically.

The International Business Administration Study Program hopes that with apprenticeship students can find out firsthand what the business world really is like, and can broaden the horizons of each student to be more skilled, responsive, and able to compete and be efficient in the future. Therefore, after completing apprenticeship, each student is required to make a work report when carrying out apprenticeship so that students can be accountable for the results obtained from apprenticeship.

Based on the above, the author as a student of the International Business Administration Study Program is required to carry out apprenticeship for a maximum of six months and a minimum of four months. The author chose PT. United Tractors Tbk is one of the places to carry out apprenticeship activities for five months. During the apprenticeship the author got a place at the Spare Parts Administration.

The implementation of this apprenticeship starts from February 11th, 2025 to June 26th, 2025. The implementation of this apprenticeship is expected to broaden the author's insight into various good and correct implementation of tasks and be able to face the real world of work with the experience he has gained.

1.2 Purpose and Benefits of Apprenticeship

To prepare themselves for the real world of work, students need to gain hands-on experience in a professional environment. Internships are an important means of bridging the gap between the theory gained in college and the practice in the field. Therefore, this section will explain the objectives and benefits expected from the implementation of internships in the world of work.

1.2.1 Purpose of Apprenticeship

Based on the description of the background presented above, the purpose of apprenticeship is;

1. To find out the job descriptions and activities at PT. United Tractors Tbk Pekanbaru Branch.
2. To find out the systems and procedures that exist at PT. United Tractors Tbk Pekanbaru Branch.
3. To find out the place and time of internship work at PT. United Tractors Tbk Pekanbaru Branch.
4. To find out the kind of business of PT. United Tractors Tbk Pekanbaru Branch.
5. To find out the obstacle and solution

1.2.2 Benefits of Apprenticeship

Based on the Purpose of Apprenticeship, the Benefits of Apprenticeship is;

1. Getting the opportunity to apply the knowledge or theoretical concepts obtained during lectures to the real world of work.
2. As a comparison between the knowledge obtained by students in the world of work and the world of education.
3. Students can practice a sense of responsibility and discipline in the world of work.
4. Gaining work experience to improve their quality before being recruited into the world of work.
5. Obtain opportunities to get to know and operate various equipment used by companies, agencies, and offices in the world of work that carry out actual activities.

1.3 Significances of Apprenticeship

The apprenticeship carried out is very beneficial for several parties such as students, companies and State Polytechnic of Bengkalis. Based on the Purpose and Benefits of Apprenticeship, this is expected to provide significant information for several parties;

1.3.1 Significances for Author

There are several benefits from the implementation of apprenticeship programs obtained by students, namely as follows:

- 1) Students have the opportunity to apply theoretical knowledge and concepts acquired during lectures real world of work.
- 2) Students can develop work relationships and add experience to their resumes.
- 3) Students gain practical experience in applying theoretical/conceptual science according to their study program.
- 4) Students have the opportunity to be able to analyze problems related to science that are applied in work according to their study program.

1.3.2 Significances for Company

The benefits of implementing the apprenticeship program are also obtained by companies or institutions that receive apprentices, among others:

- 1) There is cooperation between the world of education and the world of industry or companies so that it is recognized by the academic world and companies to get alternative prospective employees who are known for their quality, dedication, and credibility.
- 2) Companies will get labor assistance from students who do internships so that work becomes a little lighter and more efficient.
- 3) The company will be better known by academics and academia and the world of education.

1.3.3 Significances for Academic

There are several benefits from the implementation of the internship program obtained by the Bengkalis State Polytechnic, namely as follows:

- 1) Establishment of good cooperation or relationship between the campus and the company where students carry out internships.
- 2) State Polytechnic of Bengkalis can improve the quality of its graduates through the internship program.
- 3) Bengkalis State Polytechnic will be better known in the the industrial or corporate world.