



Self Assessment Report : SAR



Academic year 2566

Nongkhai Vocational College

Vocational Education, Nong Khai Province

Part I

Executive Summary

The development of educational quality of the college in during the academic year shown in the following self-assessment report which comprised of the important issues as follows:

1. The development of educational quality at the institution during the 2023 academic year.

"The results of the evaluation and assessment of educational quality according to the Educational Quality Assessment Criteria based on the Vocational Education Standards B.E. 2561 (2018) in the overall context of Nong Khai Vocational College show that there are a total of 3 standards, 9 evaluation issues in total, all of which comply with the standards. The remaining issues are not currently under development as follows:"

Standard 1: Desirable Characteristics of Vocational Education Graduates

1.1 Achievement

1) Output

The college provides vocational education management aimed at developing vocational education graduates with knowledge, skills, and the ability to apply them according to the standards of each level of vocational qualifications. Additionally, they are expected to possess ethics, morals, and desirable characteristics, achieving an excellent level with a percentage of 96.82%

2) Outcome

The college implements vocational education management according to the desired characteristics of vocational education graduates as follows:

- A total of 412 students, including 169 students at the Vocational Certificate level and 243 students at the High Vocational Certificate level, successfully passed the professional competency assessment, representing 99.51%.
- The college promotes and supports the organization of vocational skills competitions at the institutional, regional, and national levels.
- There is a process of guidance and counseling for students to help them complete their studies within the timeframe set by the curriculum, and to reduce dropout rates. The graduation rate for the academic year 2023 compared to the intake was 455 students, or 82.85%.
- The college encourages and supports students to be responsible, honest, selfless, democratic, and able to work cooperatively with others as good colleagues. Students are also encouraged to demonstrate leadership, express themselves, take pride in being Thai, recognize and contribute to the development of Thai wisdom, and have an awareness of environmental conservation.
- Follow-up for graduates of the academic year 2022 shows that 36.78% of them continued their studies, while 63.21% are employed or engaged in independent professions.

3) Impact

The follow-up and guidance provided to students to ensure they complete their studies within the designated timeframe helps reduce dropout rates. Additionally, the development of students' competencies in becoming entrepreneurs across various fields, along with continuous development.

1.2 Strengths

1) The college implements projects and activities according to the institution's development plan, focusing on knowledge, professional skills application, as well as ethics, morals, and desirable characteristics. This approach ensures that students achieve success in their studies, secure employment, and have opportunities for further education in both the public and private sectors.

2) The college emphasizes vocational education management, aiming to ensure that graduates possess the knowledge, skills, and ability to apply them in line with professional standards. The results of the professional competency assessments show that graduates from all fields meet the required standards. Academic performance has improved, with higher cumulative grade point.

1.3 Areas for Development

1) Use feedback from the evaluation of work plans, projects, and activities to make improvements and adjustments in the following year. This will help ensure continuous improvement and effectiveness in operations.

2) Create motivation for students to take the national vocational education examination in order to enhance their knowledge and skills before graduation.

1.4 Recommendations for Development

1) Enhance the quality of students' professional competencies to improve their skills and performance, aiming for higher achievements and awards in vocational skills competitions.

1.5 Results of Educational Quality Development as Best Practice or Innovation, Serving as a Model for Other Institutions or Public Dissemination

1) Second runner-up in the vocational skills competition in the category of art composition skills at the regional level, with the representative advancing to compete at the national level.

Standard 2: Vocational Education Management

2.1 Achievement

1) Output

The college employs qualified teachers who meet the required qualifications and numbers. It uses a competency-based curriculum to focus on student-centered teaching and effectively manages the institution's resources. The college has successfully implemented key policies from its governing body or supervisory agency, achieving an excellent level with a success rate of 95.61%.

2) Outcome

The college has implemented vocational education management and followed key policies from its governing body or related agencies as follows:

- Teachers prepare lesson plans focused on student-centered learning and apply them in the classroom to ensure high-quality teaching. A variety of practical learning models and activities are used to develop students with the necessary characteristics and skills.

- Teachers who are qualified in their teaching field prepare student-centered lesson plans for all subjects taught. The teaching is conducted according to the plans using diverse teaching methods. Assessment and evaluation are based on real situations, and

various media, innovations, educational technologies, and learning resources are used. Teachers also conduct research to improve the quality of teaching and address any challenges in the learning process. Classroom management techniques are applied to create a positive learning environment, and teachers provide individual support to students to help them stay motivated and focused on their studies.

- All teachers engage in continuous professional development and apply the results of their personal and professional growth in the classroom.

- Short-term vocational courses are offered in collaboration with schools such as Lae Fai Phadung Wit School, Ban Muang Bang School, and Phra That Bang Phuan School.etc. Partnerships have also been formed with external organizations for short-term vocational training programs, such as academic and professional service projects and the "Repair and Build for Community" center project.

- Basic data necessary for educational management is collected, and an information management system is in place to support various administrative functions. Technology is used to manage information, and the results from evaluations are applied to improve the educational management system. This includes the institution's website, the online MoE, and the RMS system.

- The college effectively manages its facilities, including classrooms, laboratories, learning resources, training workshops, and other amenities to meet the needs of students. Plans and projects are in place to ensure that these resources are sufficient and well-maintained. The environment, including the campus layout and building conditions, is regularly improved to be conducive to learning.

- The electrical system is suitable for its intended use, and the equipment is well-maintained and safe. Adequate water supply systems, both for drinking and general use, are provided. Roads are safe and convenient, with proper drainage and modern, efficient communication systems. A security system is also in place to ensure safety.

- Learning resources and the media center are continuously developed to create an environment conducive to research and study for both teachers and students. The number of books per student meets the established standards, and there is sufficient self-access to information. Learning resources, materials, and equipment are readily available.

3) Impact

- The development and improvement of curricula/subjects across all fields of study.

- The implementation of a dual system vocational education program covering all fields of study.

- The development of teachers' ability to create competency-based learning plans for all subjects.

2.2 strengths

- 1) The college promotes and supports teachers to engage in various learning methods to enhance their knowledge, skills, and professional competencies. This enables them to develop high-quality teaching activities.

- 2) The teaching staff holds the required academic qualifications and numbers, and they undergo continuous development according to both individual and professional development plans.

- 3) The management of all aspects within the institution follows the school's development plan. Educational quality management includes the effective administration of personnel, environment, campus facilities, classrooms, laboratories, training

workshops, learning resource centers, media, information technology, equipment, and budget to maximize efficiency and effectiveness.

4) The school is managed in a participatory manner, allowing all staff members to be involved in the management process. The school has established educational standards and effectively implements the management plan. The school leaders foster innovation and encourage participation in the institution's operations.

2.3 Areas for Development

1) The learning resources and the media center should be improved to provide more teaching spaces and research areas to promote enhanced learning opportunities. Additionally, activities should be organized to motivate students to utilize the media center services in diverse and engaging ways.

2) Teaching materials and/or educational innovations developed by teachers should be created to enhance student development in various areas, such as knowledge, skills, and ethics. These innovations should be disseminated to the public and made available for future use to maximize their benefits.

3) The research process should be systematically and continuously supported and promoted to foster the development of innovations, inventions, and creative works that align with professional competencies. There should also be a process for disseminating and applying these innovations to improve the effectiveness of teaching and learning.

2.4 Suggestions for Development

The college takes the feedback from the summary of the performance results of various plans, projects, and activities to make improvements and developments in the following year to ensure continuous operational efficiency. The suggestions are as follows:

1) A variety of individual student analysis methods should be implemented so that teachers can fully utilize them in their teaching practices.

2) The development of diverse practical learning models and teaching activities should be pursued to maximize the benefits for students.

2.5 Results of Educational Quality Development as Best Practice or Innovation, Serving as a Model for Other Institutions or Public Dissemination

The creation of cooperation in vocational education involves offering short-term vocational courses in collaboration with schools such as Lae Fai Phadung Wit School, Ban Muang Bang School, and Phra That Bang Phuan School. Additionally, cooperation is established with external organizations to provide academic and professional services.

Standard 3: Creating a Learning Society

3.1 Achievement

1) Outputs

The college collaborates with individuals, communities, and various organizations to create a learning society. Resources are mobilized for teaching and learning, community service, volunteerism, innovation, inventions, creative works, research, and the internal quality assurance system. This is rated at 93.33%, with excellent quality.

2) Outcomes

- A network of cooperation has been established to mobilize resources for education, including local wisdom teachers, experts, qualified individuals, and enterprises. This involves financial support, scholarships, materials, equipment, and other resources, with continuous evaluation for improvement.

- Teachers and educational staff are encouraged to participate in defining educational standards, creating school development plans, and preparing annual operational plans. These plans are approved by the school committee, and teachers and staff are actively involved in the implementation of school projects and Memoranda of Understanding (MOUs).

- Organize projects/activities for administrators, teachers, educational staff, and students to participate in community service, academic service, professional service, and volunteer activities. These activities use professional expertise to benefit the community and society, such as the Fix It Center project, the 108 Careers project, and offering short-term courses.

- Promote and support students in developing innovations, inventions, creative works, or research projects to participate in competitions, and ensure that these can be practically applied for real-world benefits.

3) Impact

Creating collaboration with all stakeholders in providing academic and professional services across all fields of study.

3.2 Strengths

1) The college follows a quality management approach based on the PDCA (Plan-Do-Check-Act) cycle and fosters collaboration with both public and private external agencies in education. This approach aims to improve educational management and achieve the goals set out in the institution's quality development plan.

3.3 Areas for Development

1) Building networks for the exchange of resources in vocational education, both domestically and internationally, to enhance the effectiveness of teaching and learning.

3.4 Suggestions for Development

1) The management of educational resources in various areas should focus on maximizing efficiency and sustainability. This will lead to academic and vocational learning processes that utilize appropriate information technology, contributing to the development of students in a learning community.

3.5 Results of Educational Quality Development as Best Practice or Innovation, Serving as a Model for Other Institutions or Public Dissemination

National level, Composition Art skills (Vocational Certificate / Vocational Diploma level) – awarded a silver medal standard.

2. Building Confidence for Stakeholders

Promoting students' knowledge, skills, and ethics by organizing various projects and activities to enhance their quality. The college conducts academic and professional service projects to the community, develops quality education improvement plans, and works to raise the standard of education while building trust with stakeholders and employers, in line with the institution's goals, as follows:

1) Nongkhai Vocational College offers a dual education program in collaboration with upper secondary education (Dual Vocational Education).

2) Nongkhai Vocational College consistently organizes short-term vocational training programs, offering courses in 108 professions.

3) Nongkhai Vocational College hosts the "Vocational Panorama" project, emphasizing the development of teaching and learning in accordance with the National Education Act. This project allows teachers, students, and trainees to showcase and disseminate innovations, inventions, creative works, and research to the public.

3. Educational Management of the Institution to Achieve the Goals of the Affiliated Agency

Nong Khai Vocational College manages its education to achieve the objectives of both the institution and its affiliated agency. The college organizes projects and activities to promote academic and professional excellence as well as morality and ethics. This aims to develop students into competent and virtuous individuals who excel in their studies and lead happy lives, as follows:

3. Educational Management Achieving the Goals of the Governing Agency

NongKhai Vocational College has effectively managed its education to achieve the institution's goals and those set by the governing agency. The college has organized various projects and activities to promote academic excellence, vocational skills, and ethics, ensuring that students become not only skilled professionals but also good individuals. These efforts aim to provide students with a well-rounded education, enabling them to excel academically and lead fulfilling lives, as outlined below:

3.1) Promoting Academic Excellence

1. Vocational Skills Competition
2. New Generation Invention Contest
3. Entrepreneurship and Business Plan Project
4. Memorandum of Understanding (MOU) with Industry Partners

3.2) Promoting Vocational Skills

1. Community Repair Center Project
2. Vocational Panorama Project
3. 108 Professions Project
4. Short-Term Course Project

3.3) Promoting Ethics and Morality

1. Buddhist Religious Holidays Project
2. Teacher Worship Ceremony Project

3. Moral Education School Project
4. Graduate Follow-Up Project

4. Reporting Self-Assessment and Dissemination

Nongkhai Vocational College has implemented the Ministry of Education's regulations on quality assurance in education 2018 , under Clause 3, which requires educational institutions to establish an internal quality assurance system. This system involves setting educational standards according to the level and type of education as prescribed by the Minister of Education. The institution is required to develop an education management plan aimed at meeting the standards and ensuring the quality of education, and to execute the plan accordingly. The college also conducts internal evaluations and quality checks to track progress and improve the institution's quality in line with educational standards. The results of these evaluations are compiled and submitted annually to the relevant regulatory bodies or supervisory agencies.

For the academic year 2023, the college has prepared the Self-Assessment Report (SAR) and has disseminated the results of its operations to the relevant agencies and external stakeholders.

Philosophy

Great skills , full virtue , influence society

Identification

Providing the community with vocational education

Unique

Managing vocational education and integrating the School
Botanical Garden project